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Most frequently ordered catalog numbers are highlighted in BLUE

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Most frequently ordered catalog numbers are highlighted in BLUE



The BURNDY QR Code provides you with a single point of access to all BURNDY Compression Connection Resource Documents

Compression Connection Product Categories

- Copper Code Terminals
- Copper Flex Terminals
- Copper Codes Splices
- Copper Flex Splices
- Copper Splice Reducers
- Copper Pin Adapters
- Copper C & H-Taps
- Aluminum Terminals
- Aluminum Splices
- Aluminum Splice Reducers
- Steel Cable Pulling Heads

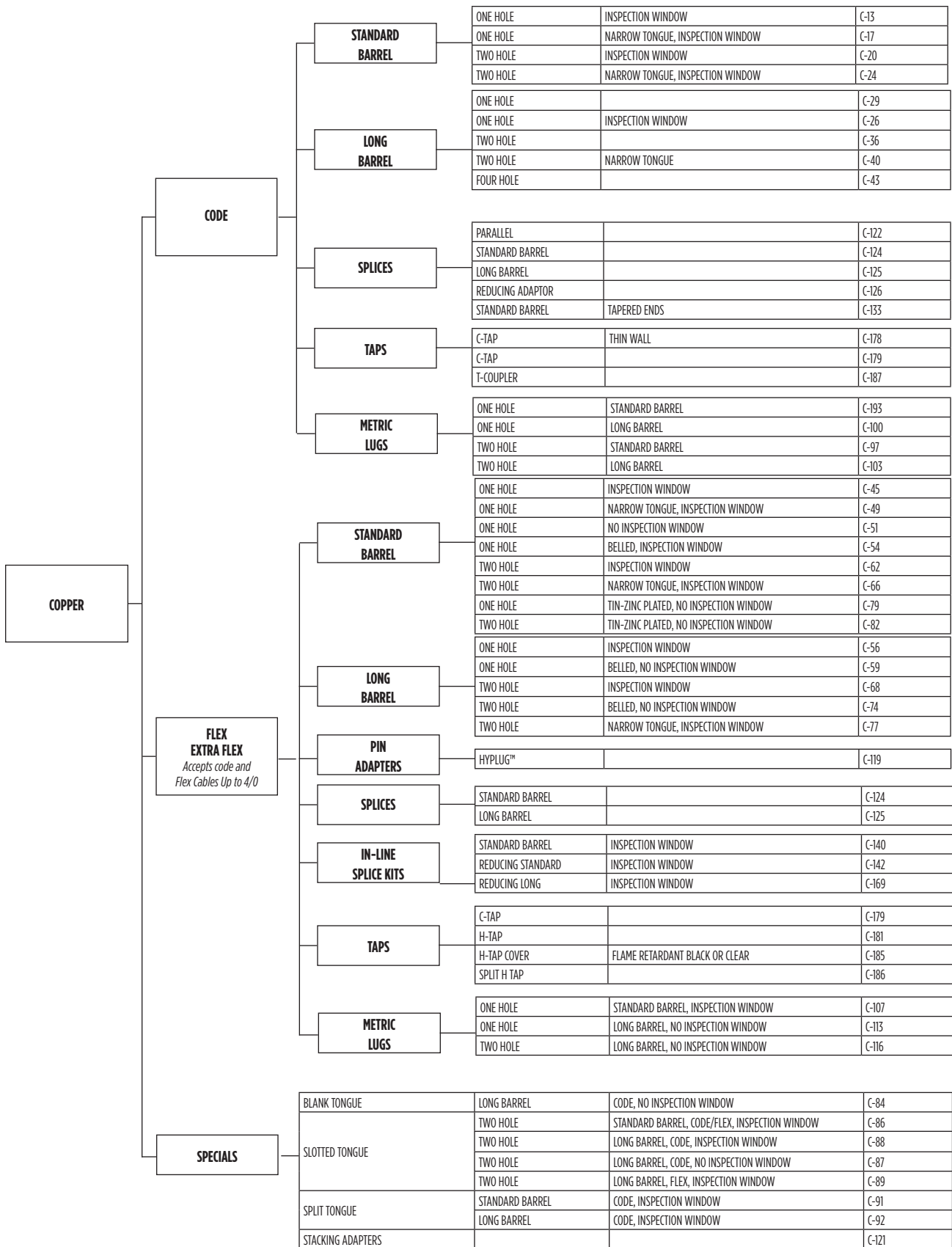


Types of Resource Documents Available:

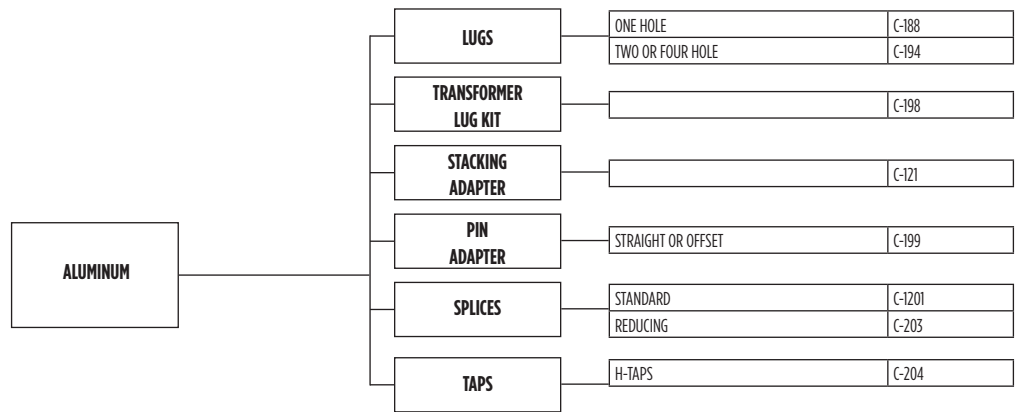
- Installation Manuals
- Installation Videos
- Installation Instructions
- Tooling Tables
- Sales Drawings
- Product Selection Configurators



Connector Selector Chart



Connector Selector Chart



Compression Connectors - General Information

Compression Connectors

BURNDY® compression connectors are designed for reliable and controllable electrical connections. The complete installation is fully inspectable. They are high conductivity copper and operate cooler than the wire on which they are installed. The connectors withstand a wide range of electrical and environmental conditions, including current surges, temperatures, corrosion and vibrations, for a wide variety of applications. These features mean a consistently high quality connection at a low installed cost.

Copper compression connectors are manufactured from high-conductivity electrolytic copper. The connectors are normally tin-plated, lead-plated, or plated with proprietary BURNDY® brite finish to provide durable long-lasting corrosion resistance. The connector design has been matched to the cable size to provide the necessary physical strength requirements for reliable electrical performance.

Aluminum compression connectors are manufactured from high conductivity, high purity wrought aluminum. They are designed with sufficient mass and are electro-tin plated to minimize corrosion due to galvanic action between dissimilar metals. The connector barrels are pre-filled with PENETROX™, BURNDY oxide inhibiting compound.

PENETROX™ contains homogeneously suspended metallic particles which penetrate the wire's oxides to establish excellent continuity between the individual strands and the connector barrel for a low-resistance connection. PENETROX™ maintains an air-tight connection. Each barrel end is covered with a color-coded plastic dust cap which prevents foreign matter from entering the connector before it is used. The connector design has been engineered to match the cable size to provide the necessary physical strength requirements for reliable electrical performance.

Connector Ampacity Rating

Per NEC 110.14(C) Provision (2) installed pressure connectors shall be used with conductors at the ampacities not exceeding the ampacity at the listed and identified temperature rating of the connector. Most BURNDY connector temperature ratings in this section, are rated 90°C, therefore the connector is rated to accommodate the ampacity of a conductor operating at or below 90°C.

Selection and Use

Copper compression connectors are recommended for use on copper conductors. Aluminum compression connectors are recommended for use on aluminum conductors. Dual-rated aluminum compression connectors may be used on both copper and aluminum conductors.

Two basic compression designs are available: Circumferential and indent. After compression, virtually all the air is removed leaving a tight homogeneous mass of connector and conductor.



Circumferential compression is solid and symmetrical. No sharp flash.



Indent Compression. The connector is swaged to the conductor.

The circumferential crimp design is recommended for color coded connectors in low and high voltage applications. Die index number

embossment provides an easy inspection where required to verify the use of the proper connector/die combination. It is also recommended for insulated connectors and for terminating flexible and welding cables.

The circumferential crimp design dies compress cable strands into polygonal shapes forming intimate contact with each other and the connector barrel. This compression forms a tight homogeneous mass with virtually no air pockets. The circumferential crimp provides an excellent electrical connection with high pull-out values. The circumferential crimp is ideal for high voltage applications leaving the connector barrel symmetrical, which is easier to insulate.

The indent type crimp can be used in virtually any application except polyvinylchloride (PVC) insulated terminals and splices. It is an excellent means of terminating flexible, extra flexible and welding cables. The indentor compresses the cable strands to form intimate contact with each other and the connector barrel. The result is an excellent electrical connection with high pull-out strength. Laboratory work testing curves established the proper depth and shape of indent for each type of connector and wire combination.

Tooling

Tooling systems are essential for proper installation of a compression connector. Since connectors and dies are designed as a unit for specific wire sizes, only the recommended tools and dies should be used. Most aluminum and copper HYLUG™ terminals and HYLINK™ splices are marked with a die index number and are color-coded to identify the correct installation die. Dies marked with the matching die index number and color can be used to install the connector.

BURNDY® tooling installs a wide range of connectors, is reliable, cost effective, and precision engineered for durable, long-lasting service and quality connections. The tools include small plier types, full cycle ratchet designs and hydraulically-powered HYPRESS™ heads and new Battery Actuated Tools. Some have permanent die grooves or adjustable dies, while others require a change of die sets or nest die for each connector size. BURNDY recommended tools achieve crimp performance consistent with UL and other industry standards. Since several tools are suitable for most connectors, the most economical and practical tool can be chosen for each application.

Installation Hardware

See the Hardware Section or Reference Section of the BURNDY Master Catalog for information on Recommended Hardware Materials and Tightening Torque Values.

Industry Standards

BURNDY compression terminals, splices, and tap connectors requiring third party testing and approval are listed by Underwriters Laboratories, Inc. (UL), and/or Canadian Standards Association (CSA), and all conform to the applicable sections of the National Electrical Code (NEC).

Per UL486A-486B - Wire Connectors (1.3) standard, this standard is intended for connectors suitable for currents not exceeding the ampacity of insulated conductors rated 75°C or 90°C in accordance with the rating of the connector, if provided.

BURNDY® also offers connectors and splices which meet the (LOCA Seismic and Aging) requirements of IEEE standards 323, 383 and 344 for class 1E critical circuits for use in Nuclear Utility Applications. Certification to 10CFR50 and 10CFR21 available.

Detail catalog listings should be consulted to obtain the appropriate standards for each connector and splice.

Telecommunication Connectors - General Information

Telecommunication Compression Connectors

The industry's first choice in compression connectors...

BURNDY® provides a complete selection of one and two hole compression's terminals, H-taps, C-taps, and other compression connection products specifically engineered to meet the demanding applications of both the Central Office and Wireless communications markets.

All of the BURNDY compression products are designed for reliable and controllable electrical connections. All connectors are made from high conductivity electrolytic copper and operate at cooler temperatures than the conductor on which they are installed. The connectors are normally tin-plated, lead-plated, or plated with a proprietary BURNDY® brite finish to provide the industry standard in long-lasting corrosion resistance.

The complete installation is fully inspectable and UL Listed when installed with BURNDY® dies. Every die in the system is color-coded and provides die index embossment for complete inspectability.

BURNDY® Tooling... the right choice for the job!

BURNDY® tooling installs a wide range of connectors, is reliable, cost effective, and precision engineered for durable, long-lasting service and quality connections. BURNDY compression tooling system ranges from full cycle ratchet hand tools to 12 and 15 ton hydraulically-powered HYPRESS™ heads. Hydraulic tools are available in self-contained, battery powered, and AC service electrically powered pump and remote head designs to meet all possible installation situations.

The Circumferential Crimp...

The BURNDY® circumferential crimp provides a solid, homogenous connection, with high pull out values and is rated for high voltage applications, more than sufficient for the 48V DC operating voltage common in the telecom market. In addition the circumferential crimp doesn't require the removal of the copper flash produced by other die systems. This not only saves time in installation but removes a potential safety hazard from the job.

All of the dies in the system are color-coded to match the connectors and feature die index and die number matching to the connector for ease of installation.



Circumferential compression is solid and symmetrical. No sharp flash.

NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Wire Definitions; Plating Objectives

Wire Definitions

- Copper Code Stranded Wire, as listed in this section refers to: Class B (Concentric, Compressed, Compact) or Class C
- Copper Flexible Wire, as listed in this section refers to: Listed by Nominal Wire followed by the designated wire classes (G, H, I, K, M, and DLO)
- Aluminum Stranded Wire, as listed in this section refers to: Class B (Concentric, Compressed, Compact)
- Copper Clad Aluminum (CCA) Stranded Wire, as listed in this section refers to: CCA stranded wire

Objective	Plating			
	Electro-tin	Hot Tin Dip	Nickel	Silver*
Reduce galvanic corrosion (bimetallic)	X	X	—	—
Resist corrosive elements	X	X	—	—
Increase conductivity/lower contact resistance	—	—	—	X
Provide high, continuous service temperatures (maximum)	X (347°F/175°C)	—	X (650°F/343°C)	X (500°F/260°C)
<p>*Note: Never connect an aluminum surface to a silver plated surface. Aluminum in contact with silver results in a highly corrosive joint, which will further result in a high resistance connection.</p>				

Code Connectors Accommodating Flexible Wire - 444S/644 Dieless

Code Connectors Accommodating Flexible Wire with Dieless Tools

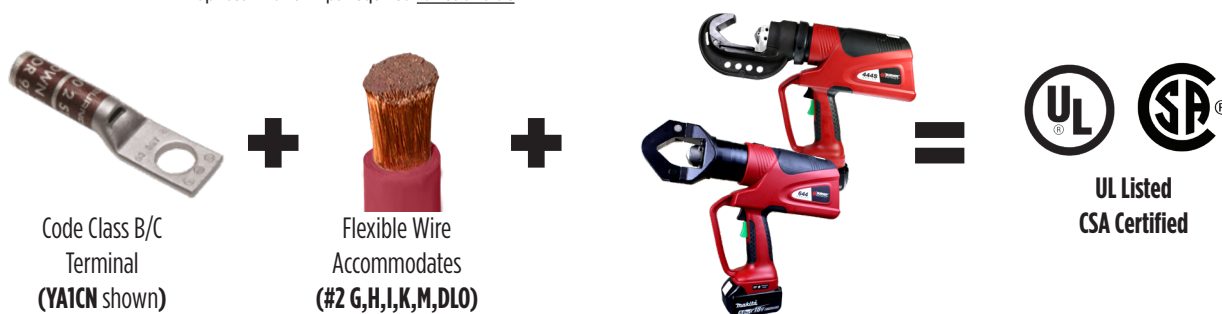
The following code connectors can accommodate flexible wire when using the 644 or 444S series dieless platform of installation tools ONLY. See table for specific connector to wire combinations.

Example: YA2CN code connector that accommodates #2 AWG Class B,C, can also accommodate a #3 Class G, H, I, K, M, DLO flexible wire when using a 644 or 444S series tools with the number of crimps identified in the table below.



Catalog Number Designation		Wire Sizes		# Crimps*	
Terminal	Splice*	Copper Code Wire	Copper Flexible Wire and DLO (if applicable)	Standard Barrel	Long Barrel
YA1C-	YS1C-	#1 AWG	#2 FLEX G,H,I,K,M,DLO	1	1
YA25-	YS25-	1/0 AWG	#1 FLEX G,H,I,K,M,DLO	1	1
YA26-	YS26-	2/0 AWG	1/0 FLEX G,H,I,K,M,DLO	1	1
YA27-	YS27-	3/0 AWG	2/0 FLEX G,H,I,K,M,DLO	1	1
YA28-	YS28-	4/0 AWG	3/0 FLEX G,H,I,K,M,DLO	1	1
YA29-	YS29-	250 kcmil	4/0 FLEX G,H	1	1
YA30-	YS30-	300 kcmil	4/0 FLEX I,K,M,DLO 250 FLEX G,H	1	1
YA31-	YS31-	350 kcmil	250 FLEX I,K,M, 262 DLO	1	1
YA32-	YS32-	400 kcmil	300 FLEX G,H,I,K,M, 313 DLO	1	1
YA34-	YS34-	500 kcmil	350 FLEX G,H,I,K,M, 373 DLO	1	1
YA36-	YS36-	600 kcmil	450 FLEX I,K,M, 444 DLO 500 FLEX G,H	1	1
YA38-	YS38-	700 kcmil	500 FLEX I,K,M, 535 DLO	1	1
			550 FLEX G,H	1	1
YA39-	YS39-	750 kcmil	600 FLEX G	1	1
			550 FLEX M	1	1
YA40-	YS40-	800 kcmil	600 FLEX H,I,K,M	1	1
			650 FLEX G, 646 DLO	1	1
YA44-	YS44-	1000 kcmil	650 FLEX I	1	1
			750 FLEX G,H, 777 DLO	1	1

*Splices: # of crimps required for each side



Code Connectors Accommodating Flexible Wire 81K Series 4-POINT®

Code Connectors Accommodating Flexible Wire with Dieless Tools

The following code connectors can accommodate flexible wire when using the 81K series 4-POINT® dieless platform of installation tools ONLY. See table for specific connector to wire combinations.

Example: YA2CN code connector that accommodates #2 AWG Class B,C, can also accommodate a #3 Class G, H, I, K, M, DLO flexible wire when using an 81K series tool with the number of crimps identified in the table below.



Catalog Number Designation		Wire Sizes		# Crimps*	
Terminal	Splice*	Copper Code Wire	Copper Flexible Wire and DLO (if applicable)	Standard Barrel	Long Barrel
YA8C-	YS8C-	#8 AWG	#8 FLEX G,H,I,K,M,DLO	1	1
YA4C-	YS4C-	#4 AWG	#6 FLEX G,H,I,K,M,DLO #5 FLEX G,H,I,K,M,DLO	1	1
YA3C-	YS3C-	#3 AWG	#4 FLEX G,H,I,K,M,DLO	1	1
YA2C-	YS2C-	#2 AWG	#3 FLEX G,H,I,K,M,DLO	1	1
YA1C-	YS1C-	#1 AWG	#2 FLEX G,H,I,K,M,DLO	1	1
YA25-	YS25-	1/0 AWG	#1 FLEX G,H,I,K,M,DLO	1	2
YA26-	YS26-	2/0 AWG	1/0 FLEX G,H,I,K,M,DLO	1	2
YA27-	YS27-	3/0 AWG	2/0 FLEX G,H,I,K,M,DLO	1	2
YA28-	YS28-	4/0 AWG	3/0 FLEX G,H,I,K,M,DLO	1	2
YA29-	YS29-	250 kcmil	4/0 FLEX G,H	1	2
YA30-	YS30-	300 kcmil	4/0 FLEX I,K,M,DLO 250 FLEX G,H	1	2
YA31-	YS31-	350 kcmil	250 FLEX I,K,M, 262 DLO	1	2
YA32-	YS32-	400 kcmil	300 FLEX G,H,I,K,M, 313 DLO	1	2
YA34-	YS34-	500 kcmil	350 FLEX G,H,I,K,M, 373 DLO	1	2
YA36-	YS36-	600 kcmil	450 FLEX I,K,M, 444 DLO 500 FLEX G,H	2	2
YA38-	YS38-	700 kcmil	500 FLEX I,K,M, 535 DLO 550 FLEX G,H	2	2
YA39-	YS39-	750 kcmil	600 FLEX G 550 FLEX M	2	3
YA40-	YS40-	800 kcmil	600 FLEX H,I,K,M 650 FLEX G, 646 DLO	2	3
YA44-	YS44-	1000 kcmil	650 FLEX I 750 FLEX G,H, 777 DLO	—	3

*Splices: # of crimps required for each side



Code Class B/C Terminal (YA2CN shown)



Flexible Wire Accommodates (#3 G,H,I,K,M,DLO)



UL Listed
CSA Certified

Expanded Compression Ranges using 444S / 644 Series

EXPANDED RANGES



The following list of connector types can accommodate a range of conductors when crimped using the 644 and 444S family of tools:

COPPER CONNECTORS

Copper HYLUG™ & HYLINK™ Connectors Types YA, YA-L, YAB, YS, YS-L, YSR, YST, YS-T, YSP-T			
Catalog No.		Copper Wire Size	Copper Expanded Wire Range
Terminal*	Splice**		
YA3C- YA2C- YA1C-	YS3C- YS2C- YS1C-	#3 AWG #2 AWG #1 AWG	#3 - #4 AWG #2 - #4 AWG #1 - #4 AWG
YA25- YA26- YA27- YA28-	YS25- YS26- YS27- YS28-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	1/0 - #4 AWG 2/0 - #4 AWG 3/0 - #2 AWG 4/0 - #1 AWG
YA29- YA30- YA31- YA32- YA34-	YS29- YS30- YS31- YS32- YS34-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	250 kcmil - 1/0 AWG 300 kcmil - 2/0 AWG 350 kcmil - 3/0 AWG 400 kcmil - 4/0 AWG 500 kcmil - 4/0 AWG
YA36- YA39- YA40-	YS36- YS39- YS40-	600 kcmil 750 kcmil 800 kcmil	600 - 250 kcmil 750 - 500 kcmil 800 - 500 kcmil
YA44-	YS44-	1000 kcmil	1000 - 750 kcmil

*1 Crimp

**1 Crimp per side

ALUMINUM CONNECTORS

Aluminum HYLUG™ & HYLINK™ Connectors Types YA-A & YS-A			
Catalog No.		Copper or Aluminum Wire Size	Copper or Aluminum Expanded Wire Range
Terminal*	Splice**		
YA4CA- YA2CA- YA1CA-	YS4CA- YS2CA- YS1CA-	#4 AWG #2 AWG #1 AWG	#4 - #6 AWG #2 - #6 AWG #1 - #2 AWG
YA25A- YA26A- YA27A- YA28A-	YS25A- YS26A- YS27A- YS28A-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	1/0 - #1 AWG 2/0 - #1 AWG 3/0 - #1 AWG 4/0 - #1 AWG
YA29A- YA30A- YA31A- YA32A- YA34A-	YS29A- YS30A- YS31A- YS32A- YS34A-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	250 kcmil - 1/0 AWG 300 kcmil - 2/0 AWG 350 kcmil - 3/0 AWG 400 kcmil - 4/0 AWG 500 kcmil - 4/0 AWG
YA36A- YA39A- YA40A- YA42A- †	YS36A- YS39A- YS40A- YS42A- ‡	600 kcmil 750 kcmil 800 kcmil 900 kcmil ▲	600 - 250 kcmil 750 - 500 kcmil 800 - 500 kcmil 900 - 600 kcmil
YA44A-	YS44A-	1000 kcmil	1000 - 750 kcmil

*1 Crimp

**1 Crimp per side

▲ 900 AL only

† 2 Crimps

‡ 2 Crimps per side

AYP/AYPO ALUMINUM CONNECTORS

(Aluminum Conductor Only)				
Wire Size	Expanded Range	Pin		# Crimps
		Straight	Offset	
#2 AWG	#4 - #2 AWG	AYP2	—	1
#1 AWG	#2 - #1 AWG	AYP1	—	1
1/0 AWG	#1 - 1/0 AWG	AYP1/0	—	1
2/0 AWG	#1 - 2/0 AWG	AYP2/0	AYPO2/0	1
3/0 AWG	#1 - 3/0 AWG	AYP3/0	AYPO3/0	1
4/0 AWG	#1 - 4/0 AWG	AYP4/0	AYPO4/0	1
250 kcmil	1/0 AWG - 250 kcmil	AYP250	AYPO250	1
300 kcmil	2/0 AWG - 300 kcmil	AYP300	AYPO300	1
350 kcmil	3/0 AWG - 350 kcmil	AYP350	AYPO350	1
400 kcmil	4/0 AWG - 400 kcmil	AYP400	AYPO400	1
500 kcmil	4/0 AWG - 500 kcmil	AYP500	AYPO500	1
600 kcmil	250 - 600 kcmil	AYP600	AYPO600	1
750 kcmil	500 - 750 kcmil	AYP750	AYPO750	1



Expanded Compression Ranges with 81K / 4PC Series Dieless Tools

EXPANDED RANGES

The following list of connector types can accommodate a range of conductors when crimped using the 4-POINT™ (81K or 4PC) family of tools:



COPPER CONNECTORS

Copper Conductor (Class B&C)**							
Copper Conductor		Standard Barrel			Long Barrel		
Wire Size	Expanded Range	Terminal	Splice	# of Crimps*	Terminal	Splice	# of Crimps*
#4 AWG	#6 - #4 AWG	YA4CL-	YS4CL-	1	YA4C-	YS4C-	1
#2 AWG	#6-#2 AWG	YA2CL-	YS2CL-	1	YA2C-	YS2C-	2
#1 AWG	#6-#1 AWG	YA1CL-	YS1CL-	1	YA1C-	YS1C-	2
1/0 AWG	#6-1/0 AWG	YA25L-	YS25L-	1	YA25-	YS25-	2
2/0 AWG	#4 - 2/0 AWG	YA26L-	YS26L-	1	YA26-	YS26-	2
3/0 AWG	#2 - 3/0 AWG	YA27L-	YS27L-	2	YA27-	YS27-	2
4/0 AWG	#1 - 4/0 AWG	YA28L-	YS28L-	2	YA28-	YS28-	2
250 kcmil	1/0 AWG - 250 kcmil	YA29L-	YS29L-	2	YA29-	YS29-	2
300 kcmil	2/0 AWG - 300 kcmil	YA30L-	YS30L-	2	YA30-	YS30-	3
350 kcmil	3/0 AWG - 350 kcmil	YA31L-	YS31L-	2	YA31-	YS31-	3
400 kcmil	4/0 AWG - 400 kcmil	YA32L-	YS32L-	2	YA32-	YS32-	3
500 kcmil	4/0 AWG - 500 kcmil	YA34L-	YS34L-	2	YA34-	YS34-	4
600 kcmil	250 - 600 kcmil	YA36L-	YS36L-	2	YA36-	YS36-	4
700 kcmil	350-700 kcmil	YA38L-	YS38L-	3	YA38-	YS38-	4
750 kcmil	500-750 kcmil	YA39L-	YS39L-	3	YA39-	YS39-	4
800 kcmil	500-800 kcmil	YA40L-	YS40L-	3	YA40-	YS40-	4
1000 kcmil	750-1000 kcmil	YA44L-	YS44L-	3	YA44-	YS44-	4

ALUMINUM CONNECTORS

Aluminum & Copper Conductor (Class B & C)**				
Copper / Aluminum Conductor		Connector		
Wire Size	Expanded Range	Terminal	Splice	# Crimps
#4 AWG	#6 - #4 AWG	YA4CA-	YS4CA-	1
#2 AWG	#6-#2 AWG	YA2CA-	YS2CA-	2
#1 AWG	#6-#1 AWG	YA1CA-	YS1CA-	2
1/0 AWG	#6-1/0 AWG	YA25A-	YS25A-	2
2/0 AWG	#4 - 2/0 AWG	YA26A-	YS26A-	2
3/0 AWG	#2 - 3/0 AWG	YA27A-	YS27A-	2
4/0 AWG	#1 - 4/0 AWG	YA28A-	YS28A-	2
250 kcmil	1/0 AWG - 250 kcmil	YA29A-	YS29A-	2
300 kcmil	2/0 AWG - 300 kcmil	YA30A-	YS30A-	2
350 kcmil	3/0 AWG - 350 kcmil	YA31A-	YS31A-	3
400 kcmil	4/0 AWG - 400 kcmil	YA32A-	YS32A-	4
500 kcmil	4/0 AWG - 500 kcmil	YA34A-	YS34A-	4
600 kcmil	250 - 600 kcmil	YA36A-	YS36A-	4
750 kcmil	500-750 kcmil	YA39A-	YS39A-	4



PAT81K2U05A2



PAT4PC834LI

* Same number of recommended crimps for both Standard and Expanded wire ranges

** Class B - Concentric, Compressed, or Compact

Expanded Compression Ranges with 81K / 4PC Series Dieless Tools

EXPANDED RANGES



The following list of connector types can accommodate a range of conductors when crimped using the 4-POINT® (81K or 4PC) family of tools:



COPPER CONNECTORS

Nom Flex Wire Size	Copper Conductor (Flex Only)							
	Standard Barrel				Long Barrel			
	Expanded Range	Terminal	Splice	# of Crimps	Expanded Range	Terminal	Splice	# of Crimps
#4 AWG	#6 - #4 AWG	YAV4CL-	YSV4CL-	1	#6 - #4 AWG	YAV4C-	YSV4C-	1
#2 AWG	#6 - #2 AWG	YAV2CL-	YSV2CL-	1	#6 - #2 AWG	YAV2C-	YSV2C-	1
#1 AWG	#4 - #1 AWG	YAV1CL-	YSV1CL-	1	#4 - #1 AWG	YAV1C-	YSV1C-	1
1/0 AWG	#4 - 1/0 AWG	YAV25L-	YSV25L-	1	#4 - 1/0 AWG	YAV25-	YSV25-	2
2/0 AWG	#2 - 2/0 AWG	YAV26L-	YSV26L-	1	#4 - 2/0 AWG	YAV26-	YSV26-	2
3/0 AWG	#1 - 3/0 AWG	YAV27L-	YSV27L-	1	#2 - 3/0 AWG	YAV27-	YSV27-	2
4/0 AWG	1/0 - 4/0 AWG	YAV28L-	YSV28L-	1	#1 - 4/0 AWG	YAV28-	YSV28-	2
250 kcmil	3/0 AWG - 250 kcmil	YAV29L-	YSV29L-	1	1/0 AWG - 250 kcmil	YAV29-	YSV29-	2
300 kcmil	4/0 AWG - 313 kcmil	YA32L-	YS32L-	1	2/0 AWG - 313 kcmil	YA32-	YS32-	2
350 kcmil	262 - 373 kcmil	YA34L-	YS34L-	1	3/0 AWG - 373 kcmil	YA34-	YS34-	2
450 kcmil	373 - 444 kcmil	YA36L-	YS36L-	1	262 - 444 kcmil	YA36-	YS36-	2
450 kcmil	262 - 444 kcmil	YA36L-	YS36L-	2				
500 kcmil	444 - 535 kcmil	YA38L-	YS38L-	1	373 - 535 kcmil	YA38-	YS38-	2
500 kcmil	373 - 535 kcmil	YA38L-	YS38L-	2				
600 kcmil	373 - 600 kcmil	YA39L-	YS39L-	2	262 - 600 kcmil	YA39-	YS39-	3
650 kcmil	444 - 646 kcmil	YA40L-	YS40L-	2	444 - 646 kcmil	YA40-	YS40-	3
750 kcmil	750 - 777 kcmil	YA44L-	YS44L-	2	646 - 777 kcmil	YA44-	YS44-	3

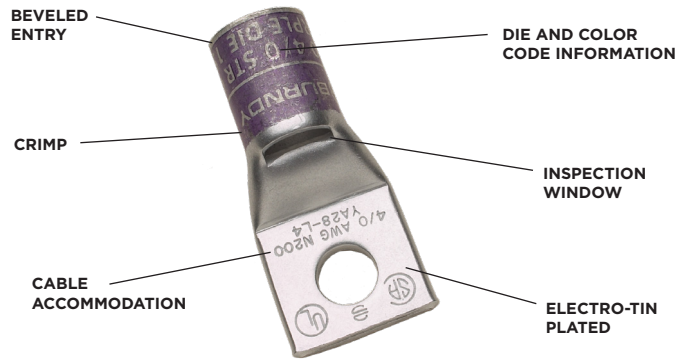


Copper, Code, 1-Hole; Standard Barrel, Inspection Window

TYPES YA-L, YA-L-TC HYLUG™

Uninsulated Copper Compression Terminal, UL Listed 90° C, Up to 35 kV ♦

45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175



Features & Benefits

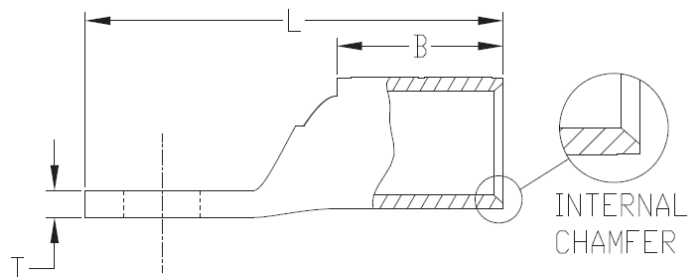
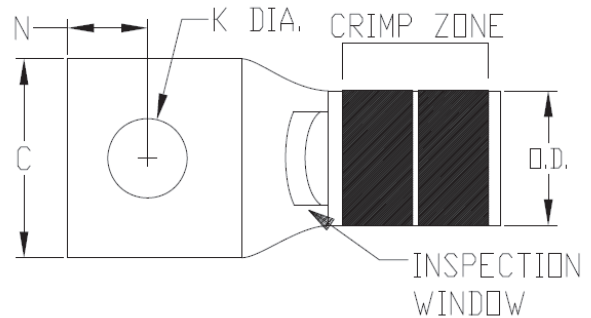
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

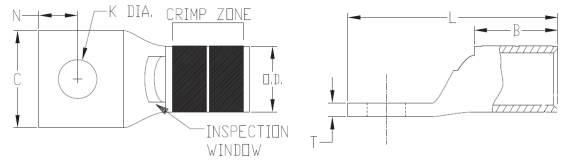
Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



Copper, Code, 1-Hole; Standard Barrel, Inspection Window

TYPES YA-L, YA-L-TC (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

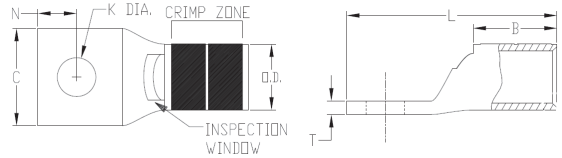
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# Crimps)	MD6, MD7, 500 Series	35, 750, 46* Series	
YAV10BOX	14-10 AWG 12-10 Sol		6	#8-10	0.38	0.40	0.06	0.97	0.21	-	-	Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, N10HT, M20HT34, Y122CMR	-	-	7/16
YAV10T2BOX				5/16	0.53	0.39	0.04	1.13	0.21						
YAV10T3BOX				1/4	0.45	0.41	0.05	1.10	0.21						
YAV10T4BOX				3/8	0.55	0.45	0.04	1.17	0.21						
YA8CLBOX	8 AWG	8 G,H,I,K,M DLO	10	#8-10	0.41	0.44	0.08	1.16	0.27	Red	49	Y122CMR, Y1MRTC, MRC840, Y8MRB1, MY29 Series, 81K Series, 4PC Series	W8CVT W8CRT X8CRT	U8CRT	7/16
YA8CL1BOX				1/4	0.44	0.44	0.08	1.26	0.27						
YA8CL2BOX				5/16	0.52	0.44	0.06	1.38	0.27						
YA8CL3BOX				3/8	0.58	0.44	0.06	1.51	0.27						
YA8CL4BOX				1/2	0.71	0.44	0.05	1.76	0.27						
YA6CL1BOX	6 AWG 6 Sol.		-	#8-10	0.41	0.54	0.09	1.27	0.29	Blue	7 or 34	Y122CMR, Y1MRTC, MRC840, MY29 Series, 81K Series	W5CVT W5CRT X5CART X8CART	U5CRT	9/16
YA6CLBOX				1/4	0.45	0.54	0.08	1.45	0.29						
YA6CL3BOX				5/16	0.52	0.54	0.07	1.52	0.29						
YA6CL4BOX				3/8	0.63	0.54	0.06	1.62	0.29						
YA6CL6				1/2	0.75	0.54	0.12	1.87	0.29						
YA5CL	5 AWG		-	1/4	0.44	0.81	0.07	1.65	0.30						
YA4CL1BOX	4 AWG		-	#8-10	0.50	0.81	0.09	1.58	0.34	Gray	8	Y122CMR (2) Y1MRTC (2) MRC840 MY29 Series 81K Series 644 Series 444 Series	W4CVT W4CRT X4CRT	U4 CRT U6CABT	7/8
YA4CLBOX				1/4	0.50	0.81	0.09	1.74	0.34						
YA4CL3BOX				5/16	0.50	0.81	0.08	1.79	0.34						
YA4CL4BOX				3/8	0.58	0.81	0.09	1.92	0.34						
YA4CL6BOX				1/2	0.71	0.81	0.06	2.20	0.34						
YA3CL	3 AWG 2 Sol	-	25	5/16	0.55	0.88	0.09	1.88	0.38	White	9		W3CRT	U3CRT	15/16
YA2CL2BOX	2 AWG	-	35	1/4	0.61	0.88	0.11	1.88	0.42	Brown	10	Y122CMR (2)***, Y1MRTC (2), MY29 Series MRC840 644 Series 444 Series 81K Series	W2CVT W2CRT X2CRT	U2CRT	15/16
YA2CLBOX				5/16	0.61	0.88	0.11	1.93	0.42						
YA2CL4BOX				3/8	0.61	0.88	0.11	2.06	0.42						
YA2CL6BOX				1/2	0.73	0.88	0.09	2.32	0.42						
YA1CL2	1 AWG	-	50	1/4	0.68	0.88	0.10	1.81	0.46	Green	11 or 375	644 Series 444 Series 81K Series	W1CVT W1CRT1 X1CRT1	U1CRT1 U4CABT	15/16
YA1CLBOX				5/16	0.68	0.88	0.10	1.94	0.46						
YA1CL4BOX				3/8	0.68	0.88	0.10	2.06	0.46						
YA1CL6BOX				1/2	0.73	0.88	0.09	2.37	0.46						

Copper, Code, 1-Hole; Standard Barrel, Inspection Window

TYPES YA-L, YA-L-TC (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

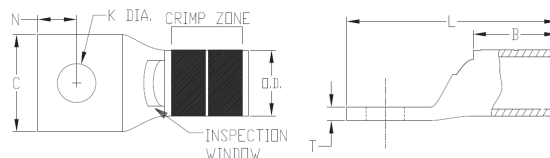
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)			
	Code	Flex	MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# crimps)	MD6, MD7, 500 Series	35, 750, 46* Series				
YA25L2BOX	1/0 AWG	-	-	1/4	0.75	0.88	0.12	0.12	0.51	Pink	12	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series	X25RT (2)	U25RT	15/16			
YA25LBOX				5/16	0.75	0.88	0.12	0.12	0.51				W25RT (2)‡					
YA25L4BOX				3/8	0.75	0.88	0.12	0.12	0.51				W25VT (2)‡					
YA25L6				1/2	0.75	0.88	0.12	0.12	0.51									
YA26L2BOX	2/0 AWG	-	70	1/4	0.83	0.94	0.12	0.12	0.56	Black	13	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series	X26RT (2)	U26RT	1			
YA26L3				5/16	0.83	0.94	0.12	0.12	0.56				W26RT (2)‡					
YA26LBOX				3/8	0.83	0.94	0.12	0.12	0.56				W26VT (2)‡					
YA26L6BOX				1/2	0.83	0.94	0.12	0.12	0.56									
YA26L60				3/4	1.02	0.94	0.10	0.10	0.56									
YA27L3	3/0 AWG	-	-	5/16	0.91	1.00	0.13	0.13	0.62	Orange	14	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series (2)	W27VT (2)‡	U27RT	1-1/16			
YA27L4BOX				3/8	0.91	1.00	0.13	0.13	0.62				W27RT (2)‡					
YA27LBOX				1/2	0.91	1.00	0.13	0.13	0.62				X27RT (3)					
YA28L2	4/0 AWG	-	-	1/4	1.02	0.88	0.14	0.14	0.69	Purple	15	MY 29 Series MRC840 (2) 644 Series 444 Series 81K Series (2)	W28VT (2)‡	U28RT	1-1/8			
YA28L3				5/16	1.02	0.88	0.14	0.14	0.69				W28RT (2)‡					
YA28L4BOX				3/8	1.02	0.88	0.14	0.14	0.69				W28RT (2)‡					
YA28LBOX				1/2	1.02	0.88	0.14	0.14	0.69				X28RT (3)					
YA28L56				3/4	1.05	0.88	0.13	0.13	0.69									
YA29L2	250 kcmil	-	-	1/4	1.11	1.06	0.16	0.16	0.75	Yellow	16	MY 29 Series 644 Series 444 Series 81K Series (2)	W29VT (2)‡	U29RT	1-1/8			
YA29L4				3/8	1.11	1.06	0.16	0.16	0.75				W29RT (2)‡					
YA29L7				5/16	1.11	1.06	0.16	0.16	0.75				X29RT (4)					
YA29LBOX				1/2	1.11	1.06	0.16	0.16	0.75									
YA29LTC78				7/8	1.11	1.06	0.14	0.14	0.75									
YA30L1	300 kcmil	-	150	5/16	1.20	1.03	0.16	0.16	0.81	White	17	644 Series 444 Series 81K Series (2)	W30VT (2)‡	U30RT (2) U28ART (2)	1-1/16			
YA30L24				3/8	1.20	1.03	0.16	0.16	0.81				W30RT (2)‡					
YA30L				1/2	1.20	1.03	0.16	0.16	0.81									
YA30LN				1/2	1.20	1.03	0.16	0.16	0.81									
YA30L7				5/8	1.20	1.03	0.16	0.16	0.81									
YA30L28				3/4	1.20	1.03	0.16	0.16	0.81									
YA30L27				7/8	1.20	1.03	0.16	0.16	0.81									
YA31L11	350 kcmil	-	185	3/8	1.29	1.06	0.18	2.50	0.88	Red	18	644 Series 444 Series 81K Series (2)	W31VT (2)‡	U31RT (2) U29ART (2)	1-1/8			
YA31L				1/2	1.29	1.06	0.18	2.75	0.88				W31RT (2)‡					
YA31L7				5/8	1.29	1.06	0.18	3.00	0.88									
YA31L36				7/8	1.29	1.06	0.18	4.02	0.88									

Copper, Code, 1-Hole; Standard Barrel, Inspection Window

TYPES YA-L, YA-L-TC (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	AWG	Flex	MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# crimps)	MD6, MD7, 500 Series	35. 750 46* Series	
YA32L14	400 kcmil	-	-	3/8	1.40	1.19	0.19	2.68	0.95	Blue	19	644 Series 444 Series 81K Series (2)	W32VT (2)‡ W32RT (2)‡	U32RT (2) U30ART (2)	1-1/4
YA32LN				1/2	1.40	1.19	0.19	3.12	0.88						
YA32L1				1/2	1.40	1.19	0.19	2.93	0.95						
YA32L				5/8	1.40	1.19	0.19	3.18	0.95						
YA32LTC78				7/8	1.40	1.19	0.19	3.62	0.95						
YA33L	450 kcmil	-	-	5/8	1.48	1.50	0.21	3.57	1.01	Gray	326		W33VT (2)‡ W33RT (2)‡	U33RT (2)	1-9/16
YA34L37	500 kcmil	-	240	3/8	1.55	1.27	0.23	2.87	1.06	Brown	20	644 Series 444 Series 81K Series (2)	W34VT (2)‡ W34RT (2)‡	U34RT (2) U31ART (2)	1-7/16
YA34L6				1/2	1.55	1.27	0.23	3.12	1.06						
YA34L				5/8	1.55	1.27	0.23	3.37	1.06						
YA34L8				3/4	1.55	1.27	0.23	3.55	1.06						
YA34L9				7/8	1.55	1.27	0.23	3.80	1.06						
YA34L20				1	1.55	1.27	0.23	4.05	1.06						
YA36L11	600 kcmil	-	300	1/2	1.74	1.38	0.27	3.29	1.19	Green	22 or 472	644 Series 444 Series 81K Series (2)	-	U36RT (2)	1-3/4
YA36L				5/8	1.74	1.38	0.27	3.54	1.19						
YA36LTC78				7/8	1.74	1.38	0.27	3.97	1.19						
YA37L	650 kcmil	-	-	5/8	1.80	1.39	0.27	3.57	1.23	Orange	23		-	U37RT (2)	1-15/16
YA37L1				3/4	1.80	1.39	0.27	3.76	1.23						
YA38L	700 kcmil	-	-	5/8	1.84	1.45	0.27	3.66	1.25	Pink	400		-	U38RT (2)	1-15/16
YA39L6	750 kcmil	-	-	1/2	1.91	1.42	0.27	3.41	1.30	Black	24	644 Series 444 Series 81K Series (3)	-	U39RT (2) P39RT (2)**	1-15/16
YA39L				5/8	1.91	1.42	0.27	3.57	1.30						
YA39L2				7/8	1.91	1.42	0.27	4.10	1.30						
YA39L9				1-1/4	1.91	1.42	0.27	4.85	1.30						
YA40L	800 kcmil	-	400	5/8	1.98	1.42	0.30	3.81	1.35	Orange	25		-	P40RT (3)**	1-15/16
YA41L	850 kcmil	-	-	5/8	2.01	1.88	0.31	4.15	1.38	Gold	26		-	P31D* P44PR**	1-15/16
YA44L2	1000 kcmil	-	500	1/2	2.19	1.65	0.33	3.98	1.50	White	27		-	P44RT (3)**	1-15/16
YA44L				5/8	2.19	1.65	0.33	4.04	1.50						
YA44L23				1	2.19	1.65	0.33	4.73	1.50						
YA45L	1250 kcmil	-	-	3/4	2.46	2.00	0.38	4.68	1.69	Yellow	29		-	P45RT (3)	2-1/16
YA453LBOX	1300 kcmil	-	-	3/4	2.53	2.00	0.39	4.71	1.74	Orange	30		-	-	2-1/16
YA46L	1500 kcmil	-	-	3/4	2.69	2.00	0.40	4.78	1.84	Green	31		-	P46RT (3)**	2-1/16
YA48L	2000 kcmil	-	1000	3/4	3.10	2.25	0.46	5.19	2.13	Brown	34		-	-	2-3/8

Copper, 1-Hole, Narrow, Standard Barrel, Inspection Window

TYPE YA-L-NT HYLUG™

Uninsulated Copper Compression Narrow Tongue Terminal, UL Listed 90° C, Up to 35 kV ♦

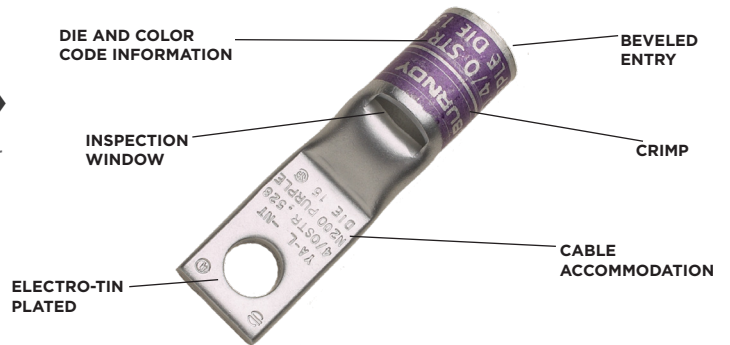
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

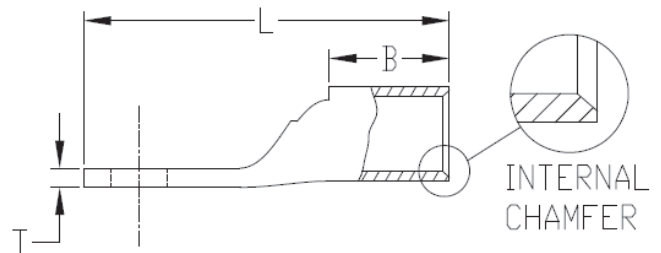
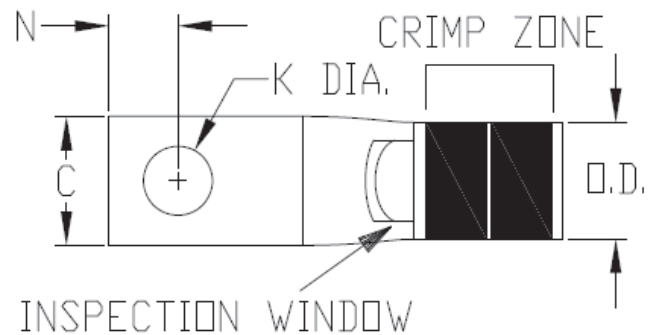
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Narrow tongue/tang is designed for limited space applications
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

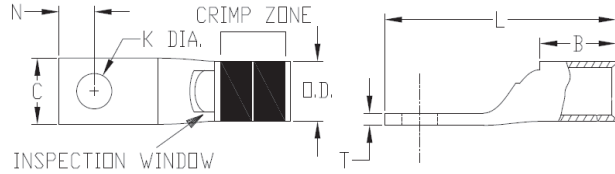


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, 1-Hole, Narrow, Standard Barrel, Inspection Window

TYPE YA-L,-NT (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

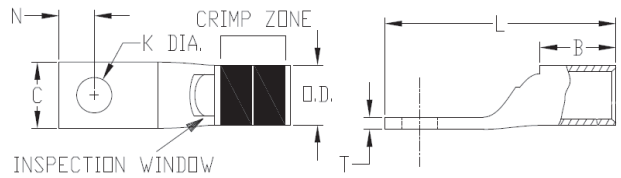
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# crimps)	MD6, MD7, 500 Series	35, 750, 46* Series	
YA8CLNT6	8 AWG	8 G,H,I,K,M DLO	10	#6	0.29	0.44	0.09	1.08	0.27	Red	49	Y1MRTC Y122CMR MY29 Series 81K Series	W8CVT W8CRT X8CRT	U8CRT	1/2
YA8CLNT8				#8	0.33	0.44	0.09	1.18	0.27						
YA6CLNT6	6 AWG 6 Sol.	—	—	#6	0.29	0.54	0.09	1.17	0.29	Blue	7	Y1MRTC Y122CMR MY29 Series MRC840 81K Series	W5CVT W5CRT X5CRT	U5CRT1	7/8
YA4CLNT10	4 AWG	—	—	#10	0.40	0.81	0.09	1.73	0.34	Gray	8		W4CVT W4CRT X4CRT	U4CRT	7/8
YA3CLNT14	3 AWG 2 Sol.	—	25	1/4	0.41	0.88	0.08	1.82	0.38	White	9	MY29 Series MRC840 81K Series	W3CVT	U3CRT	15/16
YA3CLNT516				5/16	0.49	0.88	0.08	1.80	0.38						
YA2CLNT10	2 AWG	—	35	#10	0.48	0.88	0.11	1.80	0.42	Brown	10	MY29 Series MRC840 81K Series	W2CVT X2CRT	U2CRT	15/16
YA2CLNT14				1/4	0.48	0.88	0.11	1.80	0.42						
YA2CLNT516				5/16	0.49	0.88	0.11	1.82	0.42						
YA1CLNT10	1 AWG	—	50	#10	0.50	0.88	0.10	2.23	0.46	Green	11	MY29 Series 81K Series	W1CVT X1CRT1	U1CRT1	15/16
YA1CLNT14				1/4	0.50	0.88	0.10	2.23	0.46						
YA25LNT10	1/0 AWG	—	—	#10	0.62	0.88	0.12	2.28	0.51	Pink	12	MY29 Series MRC840 (2) 644 Series 444 Series 81K Series	W25RT (2)‡ W25VT (2)‡ X25RT (2)	U25RT	15/16
YA25LNT14				1/4	0.48	0.88	0.12	1.93	0.51						
YA25LNT516				5/16	0.62	0.88	0.12	2.28	0.51						
YA25LNT38				3/8	0.62	0.88	0.12	2.18	0.51						
YA26LNT10	2/0 AWG	—	70	#10	0.62	0.94	0.13	2.62	0.56	Black	13	MY29 Series MRC840 (2) 644 Series 444 Series 81K Series	W26RT (2)‡ W26VT (2)‡ X26RT (2)	U26RT	1
YA26LNT14				1/4	0.48	0.94	0.12	2.02	0.56						
YA26LNT516				5/16	0.62	0.94	0.13	2.62	0.56						
YA26LNT38				3/8	0.72	0.94	0.12	2.48	0.56						
YA27LNT14	3/0 AWG	—	—	1/4	0.76	1.00	0.13	2.10	0.62	Orange	14	MY29 Series MRC840 (2) 644 Series 444 Series 81K Series (2)	W27RT (2)‡ W27VT (2)‡ X27RT (3)	U27RT	1-1/16
YA27LNT516				5/16	0.60	1.00	0.12	2.17	0.62						
YA27LNT38				3/8	0.76	1.00	0.12	2.73	0.62						
YA28LNT14	4/0 AWG	—	—	1/4	0.76	0.88	0.14	2.60	0.69	Purple	15	MY29 Series MRC840 (2) 644 Series 444 Series 81K Series (2)	W28VT(2)‡ W28RT(2)‡ X28RT (3)	U28RT	1-1/8
YA28LNT516				5/16	0.70	0.88	0.14	2.09	0.69						1-1/16
YA28LNT38				3/8	0.76	0.88	0.14	2.67	0.69						1-1/16

Copper, 1-Hole, Narrow, Standard Barrel, Inspection Window

TYPE YA-L,-NT (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Hole Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless (# crimps)	MD6, MD7, 500 Series	35, 750 46* Series	
YA29LENT516	250 kcmil	—	—	5/16	0.76	1.06	0.16	2.49	0.75	Yellow	16	MY29 Series 644 Series 444 Series 81K Series (2)	W29VT (2)‡ X29RT (4)	U29RT	1-1/8
YA29LENT38				3/8	0.76	1.06	0.16	2.96	0.75						
YA29LNT38				3/8	0.96	1.06	0.16	2.96	0.75						
YA30LNT14	300 kcmil	—	150	1/4	0.83	1.03	0.16	2.26	0.81	White	17	644 Series 444 Series 81K Series (2)	W30VT (2)‡ W30RT‡	U30RT (2)	1-1/8
YA30LNT38				3/8	0.96	1.03	0.16	2.97	0.81						
YA31LNT38	350 kcmil	—	185	3/8	0.96	1.06	0.18	3.31	0.88	Red	18	644 Series 444 Series 81K Series (2)	W31VT (2)‡ W31RT (2)‡	U31RT (2)	1-1/8
YA31LNT12				1/2	0.88	1.06	0.18	2.75	0.88						
YA32LNT38	400 kcmil	—	—	3/8	0.96	1.19	0.20	3.21	0.95	Blue	19	644 Series 444 Series 81K Series (2)	W32VT (2)‡ W32RT (2)‡	U32RT (2)	1-1/4
YA32LNT12				1/2	0.96	1.19	0.19	3.21	0.95						
YA34LNT38	500 kcmil	—	240	3/8	0.96	1.27	0.23	3.65	1.06	Brown	20	644 Series 444 Series 81K Series (2)	W34VT (2)‡ W34RT (2)‡	U34RT (2)	1-7/16
YA34LNT12				1/2	0.96	1.27	0.23	3.65	1.06						
YA36LNT38	600 kcmil	—	300	3/8	1.12	1.38	0.27	4.09	1.18	Green	22	644 Series 444 Series 81K Series (2)	—	U36RT (2)	1-3/4
YA36LNT12				1/2	1.00	1.38	0.27	3.29	1.19						
YA39LNT38	750 kcmil	—	—	3/8	1.12	1.42	0.27	4.24	1.30	Black	24	644 Series 444 Series 81K Series (3)	—	U39RT (2)	1-15/16
YA39LNT12				1/2	1.12	1.42	0.27	4.24	1.30						
YA39LNT58				5/8	1.30	1.42	0.27	3.67	1.30						

Copper, Code, 2-Hole, Standard Barrel, Inspection Window

TYPES YAV-2TC, YA-2LN, YA-L-2TC-HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

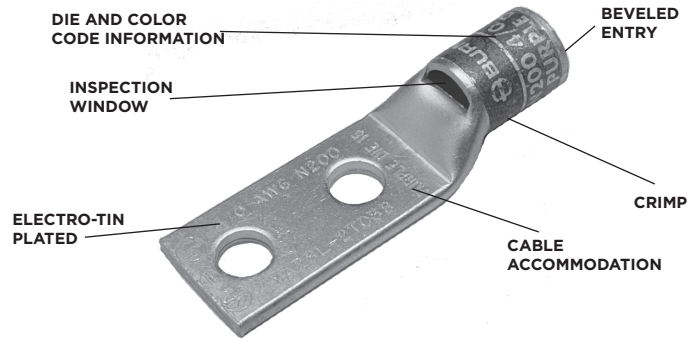
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

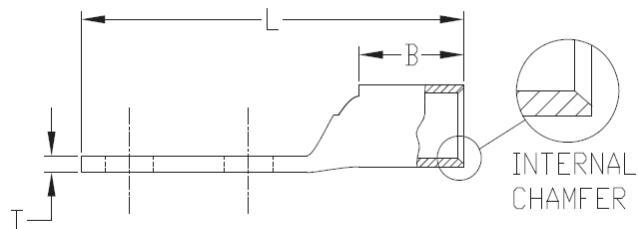
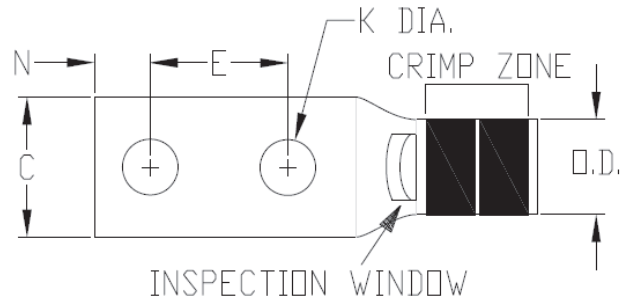
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

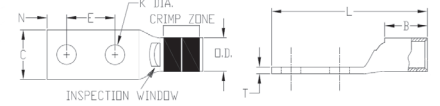


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Code, 2-Hole, Standard Barrel, Inspection Window

TYPES YAV-2TC, YA-2LN, YA-L-2TC- (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

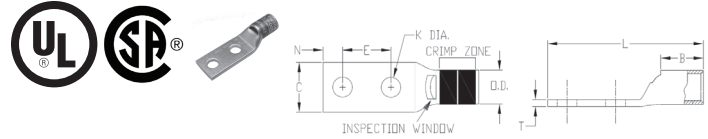
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAV102TC10	14-10 AWG 12-10 Sol.	-	6	#10	5/8	0.36	0.38	0.06	1.72	0.21	-	-	MR20 Y8MRB1 Y122CMR	-	-	7/16
YAV102TC10E2				#10	3/4	0.36	0.38	0.06	1.84	0.21						
YAV102TC14				1/4	5/8	0.41	0.38	0.05	1.84	0.21						
YAV102TC14E1				1/4	1	0.41	0.38	0.05	2.22	0.21						
YAV102TC14E2				1/4	3/4	0.41	0.38	0.05	1.97	0.21						
YAV102TC38				3/8	1	0.56	0.38	0.04	2.40	0.21						
YA8CL2TC10	8 AWG	8 G,H,I,K,M DLO	10	#10	5/8	0.41	0.44	0.08	1.83	0.27	Red	49	W8CVT W8CRT X8CRT	U8CRT	7/16	
YA8CL2TC10E2				#10	3/4	0.41	0.44	0.08	1.95	0.27						
YA8CL2TC14				1/4	5/8	0.44	0.44	0.08	1.95	0.27						
YA8CL2TC14E2				1/4	3/4	0.44	0.44	0.08	2.08	0.27						
YA8CL2TC14E1				1/4	1	0.44	0.44	0.08	2.33	0.27						
YA8CL2TC38				3/8	1	0.58	0.44	0.06	2.52	0.27						
YA8C2LN				1/2	1-3/4	0.83	0.44	0.12	3.75	0.27						
YA6C2L51	6 AWG 6 Sol.	-	-	#10	1/2	0.42	0.54	0.09	1.79	0.29	Blue	7 or 374	Y122CMR Y1MRTC Y8MRB1 MY29 Series MRC840 81K Series	W5CRT W5CVT X5CRT X8CART	U5CRT U8CABT	5/8
YA6CL2TC10				#10	5/8	0.42	0.54	0.09	1.94	0.29						
YA6C2L52				1/4	1/2	0.45	0.54	0.08	1.88	0.29						
YA6CL2TC14E				1/4	1/2	0.45	0.54	0.08	1.94	0.29						
YA6C2L				1/4	5/8	0.45	0.54	0.08	2.01	0.29						
YA6CL2TC14				1/4	5/8	0.45	0.54	0.08	2.07	0.29						
YA6CL2TC14E2				1/4	3/4	0.45	0.54	0.08	2.19	0.29						
YA6CL2TC14E1				1/4	1	0.45	0.54	0.08	2.44	0.29						
YA6CL2TC516E2				5/16	3/4	0.52	0.54	0.07	2.53	0.29						
YA6CL2TC516				5/16	1	0.52	0.54	0.07	2.78	0.29						
YA6CL2TC38				3/8	1	0.58	0.54	0.06	2.63	0.29						
YA6C2LN				1/2	1-3/4	0.83	0.54	0.12	4.10	0.29						
YA5C2L	5 AWG	-	-	1/4	5/8	0.44	0.81	0.07	2.28	0.30					7/8	
YA4C2L	4 AWG	-	-	1/4	5/8	0.50	0.81	0.09	2.30	0.34	Gray	8 or 346	Y122CMR (2) Y1MRTC (2) MY29 Series MRC840 644 Series 444 Series 81K Series	W4CVT W4CRT X4CRT	U4CRT U6CABT	7/8
YA4CL2TC14				1/4	5/8	0.50	0.81	0.09	2.36	0.34						
YA4CL2TC14E2				1/4	3/4	0.50	0.81	0.09	2.49	0.34						
YA4CL2TC14E1				1/4	1	0.50	0.81	0.09	2.74	0.34						
YA4CL2TC516				5/16	1	0.52	0.81	0.09	2.80	0.34						
YA4CL2TC38				3/8	1	0.58	0.81	0.08	2.96	0.34						
YA4C2LN				1/2	1-3/4	0.83	0.81	0.12	4.14	0.34						
YA3CL2TC14	3 AWG 2 Sol.	-	25	1/4	5/8	0.55	0.88	0.09	2.45	0.38	White	9	W3CRT	U3CRT	15/16	
YA3C2L				5/16	5/8	0.55	0.88	0.09	2.64	0.38						
YA3CL2TC38				3/8	1	0.58	0.88	0.08	3.06	0.38						

Copper, Code, 2-Hole, Standard Barrel, Inspection Window

TYPES YAV-2TC, YA-2LN, YA-L-2TC- (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

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***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

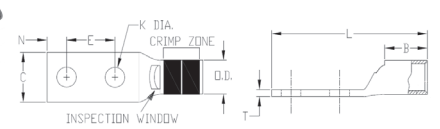
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA2CL2TC14	2 AWG	-	35	1/4	5/8	0.60	0.88	0.11	2.47	0.42	Brown	10	Y122CMR (2)*** Y1MRTC (2) MY29 Series MRC840 644 Series 444 Series 81K Series	W2CVT W2CRT X2CRT	U2CRT	15/16
YA2CL2TC14E2				1/4	3/4	0.60	0.88	0.11	2.60	0.42						
YA2CL2TC14E1				1/4	1	0.60	0.88	0.11	2.85	0.42						
YA2C2L				5/16	3/4	0.60	0.88	0.11	2.67	0.42						
YA2CL2TC516				5/16	1	0.60	0.88	0.11	2.91	0.42						
YA2CL2TC38				3/8	1	0.60	0.88	0.11	3.03	0.42						
YA2C2LN				1/2	1-3/4	0.83	0.88	0.12	4.27	0.42						
YA1CL2TC14	1 AWG	-	50	1/4	5/8	0.68	0.88	0.10	2.51	0.46	Green	11 or 375	W1CVT W1VRT1 X21CRT1	U1CRT1 U4CABT	15/16	
YA1CL2TC14E2				1/4	3/4	0.68	0.88	0.10	2.64	0.46						
YA1C2L				5/16	7/8	0.68	0.88	0.10	2.82	0.46						
YA1CL2TC38				3/8	1	0.68	0.88	0.10	3.07	0.46						
YA1C2LN				1/2	1-3/4	0.83	0.88	0.12	4.32	0.46						
YA25L2TC14	1/0 AWG	-	-	1/4	5/8	0.75	0.88	0.12	2.54	0.51	Pink	12 or 348	W25VT (2)‡ W25RT (2)‡ X25RT (2)	U25RT U2CABT	15/16	
YA25L2TC14E2				1/4	3/4	0.75	0.88	0.12	2.66	0.51						
YA25L2TC14E1				1/4	1	0.75	0.88	0.12	2.91	0.51						
YA252L				5/16	7/8	0.75	0.88	0.12	2.85	0.51						
YA25L2TC38				3/8	1	0.75	0.88	0.12	3.10	0.51						
YA252LN				1/2	1-3/4	0.83	0.88	0.11	4.29	0.51						
YA26L2TC14	2/0 AWG	-	70	1/4	5/8	0.83	0.94	0.12	2.64	0.56	Black	13	W26VT (2)‡ W26RT (2)‡ X26RT (2)	U26RT	1	
YA26L2TC14E2				1/4	3/4	0.83	0.94	0.12	2.76	0.56						
YA26L2TC14E1				1/4	1	0.83	0.94	0.12	3.01	0.56						
YA262L				5/16	7/8	0.83	0.94	0.12	2.95	0.56						
YA26L2TC38				3/8	1	0.83	0.94	0.12	3.20	0.56						
YA262LN				1/2	1-3/4	0.83	0.94	0.12	4.39	0.56						
YA27L2TC14E2	3/0 AWG	-	-	1/4	3/4	1.00	1.00	0.12	2.86	0.62	Orange	14	W27VT (2)‡ W27RT (2)‡ X27RT (3)	U27RT	1-1/16	
YA27L2TC38				3/8	1	1.00	1.00	0.12	3.30	0.62						
YA272LN				1/2	1-3/4	0.91	1.00	0.13	4.48	0.62						
YA28L2TC14E2	4/0 AWG	-	-	1/4	3/4	1.02	0.88	0.14	2.78	0.69	Purple	15	W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/8	
YA28L2TC14E1				1/4	1	1.02	0.88	0.14	3.03	0.69						
YA28L2NTC516				5/16	1-3/4	1.02	0.88	0.14	3.84	0.69						
YA28L2TC38E2				3/8	3/4	1.02	0.88	0.14	2.97	0.69						
YA28L2TC38				3/8	1	1.02	0.88	0.14	3.22	0.69						
YA282LN				1/2	1-3/4	1.02	0.88	0.14	4.41	0.69						
YA29L2TC38	250 kcmil	-	-	3/8	1	1.10	1.06	0.16	3.43	0.75	Yellow	16	W29VT (2)‡ W29RT (2)‡ X29RT (4)	U29RT	1-1/8	
YA292LN				1/2	1-3/4	1.10	1.06	0.16	4.62	0.75						

Copper, Code, 2-Hole, Standard Barrel, Inspection Window

TYPES YAV-2TC, YA-2LN, YA-L-2TC- (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

†Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Figure Dimensions							Installation Tooling (# Crimps if over 2)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●	Stud Size	Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA30L2TC38	300 kcmil	—	150	3/8	1	1.20	1.03	0.16	3.45	0.81	White	17 or 298		W30VT (2)†	U30RT (2)	1
YA302LN				1/2	1-3/4	1.20	1.03	0.16	4.63	0.81				W30RT (2)†	U28ART (2)	
YA31L2TC14E2	350 kcmil	—	185	1/4	3/4	1.29	1.06	0.18	3.07	0.88	Red	18 or 324		W31VT (2)†	U31RT (2)	1-1/8
YA31L2NTC516				5/16	1-3/4	1.29	1.06	0.18	4.13	0.88				W31RT (2)†	U29ART (2)	
YA31L2TC38				3/8	1	1.29	1.06	0.18	3.51	0.88				W31RT (2)†		
YA31L2TC12				1/2	1-1/4	1.29	1.06	0.18	4.01	0.88						
YA312LN				1/2	1-3/4	1.29	1.06	0.18	4.70	0.88						
YA322L				3/8	1	1.40	1.19	0.19	3.75	0.95						
YA32L2TC38	400 kcmil	—	—	3/8	1	1.40	1.19	0.19	3.69	0.95	Blue	19 or 470	644 Series 444 Series 81K Series (2)	W32RT (2)†	U32RT (2)	1-1/4
YA32L2TC38E5				3/8	1-1/16	1.40	1.19	0.19	3.75	0.95				W32RT (2)†	U30ART (2)	
YA322LN				1/2	1-3/4	1.40	1.19	0.19	4.88	0.95						
				1/2	1-3/4	1.40	1.19	0.19	4.88	0.95						
YA34L2TC14E2	500 kcmil	—	240	1/4	3/4	1.55	1.27	0.23	3.44	1.06	Brown	20 or 299		W34VT (2)†	U34RT (2)	1-7/16
YA342L				3/8	1	1.55	1.27	0.23	3.94	1.06				W34RT (2)†	U31ART (2)	
YA34L2TC38				3/8	1	1.55	1.27	0.23	3.88	1.06						
YA34L2TC12				1/2	1-1/4	1.55	1.27	0.23	4.38	1.06						
YA342LN				1/2	1-3/4	1.55	1.27	0.23	5.06	1.06						
				1/2	1-3/4	1.55	1.27	0.23	5.06	1.06						
YA352L	550 kcmil	—	—	3/8	1-1/8	1.65	1.69	0.25	4.64	1.13	Yellow	21		—	U35RT (2)	1-3/4
YA352LN				1/2	1-3/4	1.65	1.69	0.25	5.51	1.13						
YA36L2TC38	600 kcmil	—	300	3/8	1	1.74	1.38	0.25	4.23	1.19	Green	22 or 472		—	U36RT (2)	1-3/4
YA362LN				1/2	1-3/4	1.74	1.38	0.27	5.23	1.19				U32ART (2)		
YA372L	650 kcmil	—	—	3/8	1-1/8	1.80	1.39	0.27	4.40	1.23	Orange	23		—	U37RT (2)	1-15/16
YA372LN				1/2	1-3/4	1.80	1.39	0.27	5.27	1.23						
YA38L2TC38	700 kcmil	—	—	3/8	1	1.84	1.45	0.27	4.35	1.25	Pink	400		—	U38RT (2)	1-15/16
YA382L				3/8	1-1/8	1.84	1.45	0.27	4.48	1.25						
YA38L2TC12				1/2	1-1/2	1.84	1.45	0.27	4.67	1.25						
YA382LN				1/2	1-3/4	1.84	1.45	0.27	5.35	1.25						
YA39L2TC38	750 kcmil	—	—	3/8	1	1.91	1.42	0.27	4.36	1.30	Black	24	644 Series 444 Series 81K Series (3)	—	U39RT (2)	1-15/16
YA392L				3/8	1-1/8	1.91	1.42	0.27	4.48	1.30				P39RT (2)		
YA39L2TC12E3				1/2	1-1/2	1.91	1.42	0.27	4.92	1.30						
YA392LN				1/2	1-3/4	1.91	1.42	0.27	5.36	1.30						
YA39L2TC58				5/8	1-1/2	1.91	1.42	0.27	5.17	1.30						
YA40L2TC38				3/8	1	1.98	1.42	0.30	4.37	1.35						
YA402L	800 kcmil	—	400	3/8	1-1/8	1.98	1.42	0.30	4.50	1.35	Orange	25		—	P40RT (3)	1-15/16
YA402LN				1/2	1-3/4	1.98	1.42	0.30	5.38	1.35						
YA412L	850 kcmil	—	—	3/8	1-1/8	2.01	1.88	0.31	4.97	1.38	Gold	26		—	P40D** P44PR	1-15/16
YA442L	1000 kcmil	—	500	1/2	1-1/4	2.19	1.65	0.33	5.24	1.50	White	27		—	P44RT (3)	1-15/16
YA44L2TC12				1/2	1-1/4	2.19	1.65	0.33	5.05	1.50						
YA442LN				1/2	1-3/4	2.19	1.65	0.33	5.74	1.50						

Copper, 2-Hole, Narrow, Standard Barrel, Inspection Window

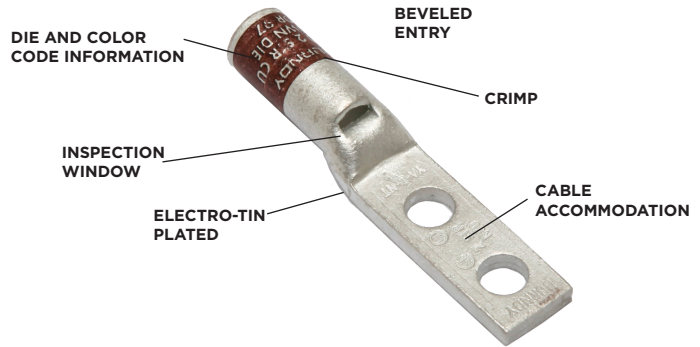
TYPE YA-L-2NT HYLUG™ Uninsulated Copper Compression Terminal

UL Listed 90° C, Up to 35 kV ♦

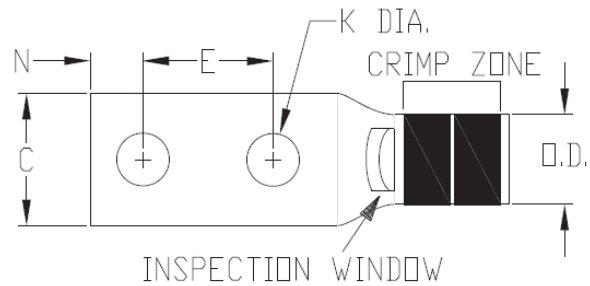
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Narrow tongue/tang is designed for limited space applications
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

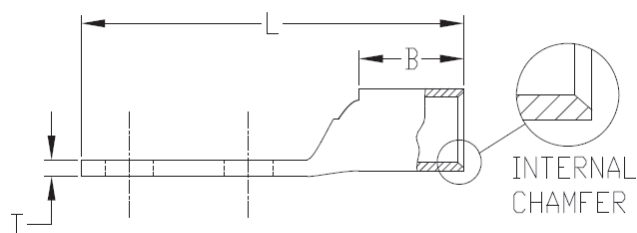


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



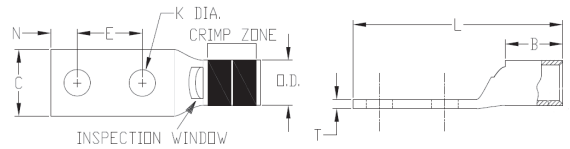
Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



Copper, 2-Hole, Narrow, Standard Barrel, Inspection Window

TYPE YA-L-2NT (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

†Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA2CL2NT14	2 AWG	-	35	1/4	5/8	0.48	0.88	0.11	2.47	0.42	Brown	10	Y122CMR (2)*** MRC840 MY29 Series	W2CVT X2CRT W2CRT	U2CRT	15/16
YA2CL2NT14E2				1/4	1/4	0.48	0.88	0.11	2.60	0.42						
YA2CL2NT14E1				1/4	1	0.48	0.88	0.11	2.84	0.42						
YA1CL2NT14	1 AWG	-	50	1/4	5/8	0.50	0.88	0.11	2.55	0.46	Green	11	644 Series 444 Series 81K Series Y1MRTC (2)	W1CVT X1CRT W1CRT	U1CRT1	15/16
YA1CL2NT14E2				1/4	3/4	0.50	0.88	0.10	2.68	0.46						
YA25L2NT14	1/0 AWG	-	-	1/4	5/8	0.48	0.88	0.12	2.56	0.51	Pink	12	MRC840 (2) MY29 Series 644 Series 444 Series 81K Series	W25VT (2)‡ X25RT (2) W25RT (2)‡	U25RT	15/16
YA25L2NT14E1				1/4	1	0.48	0.88	0.12	3.28	0.51						
YA26L2NT14	2/0 AWG	-	70	1/4	5/8	0.48	0.94	0.12	2.66	0.56	Black	13	644 Series 444 Series 81K Series	W26VT (2)‡ X26RT(2)‡	U26RT	1
YA26L2NT14E1				1/4	1	0.48	0.94	0.12	3.03	0.56						
YA27L2NT14	3/0 AWG	-	-	1/4	5/8	0.76	1.00	0.13	2.73	0.62	Orange	14	MRC840 (2) MY29 Series 644 Series 444 Series 81K Series	W27VT (2)‡ W27RT (2)‡ X27RT (2)	U27RT	1-1/16
YA27L2NT38				3/8	1	0.60	1.00	0.13	3.30	0.62						
YA27L2NT516				5/16	1	0.60	1.00	0.13	3.26	0.62						
YA28L2NT14	4/0 AWG	-	-	1/4	5/8	0.76	0.88	0.13	2.65	0.69	Purple	15	644 Series 444 Series 81K Series (2)	W28RT (2)‡ X28RT (3) W28VT (2)‡	U28RT	1-1/16
YA29L2NT38	250 kcmil	-	-	3/8	1	0.80	1.00	0.16	3.43	0.75	Yellow	16	MY29 Series 644 Series 444 Series 81K Series (2)	W29VT (2)‡ W29RT (2)‡ X29RT (2)	U29RT	1-1/8
YA29L2NT38E16				3/8	1-3/4	0.80	1.06	0.16	4.18	0.75						
YA31L2NT38	350 kcmil	-	185	3/8	1	0.96	1.06	0.18	3.51	0.88	Red	18	644 Series 444 Series 81K Series	W31VT (2)‡ W31RT (2)‡	U31RT U29ART (2)	1-1/8
YA31L2NT38E16				3/8	1-3/4	0.88	1.06	0.18	4.26	0.88						
YA34L2NT38	500 kcmil	-	240	3/8	1	0.96	1.27	0.23	3.65	1.06	Brown	20 or 22	644 Series 444 Series 81K Series (2)	W34VT (4)‡ W34RT (2)‡	U34RT (2)	1-7/16
YA34L2NT38E16				3/8	1-3/4	0.96	1.27	0.23	4.63	1.06						
YA34L2NT12E1				1/2	1	0.96	1.27	0.23	4.13	1.06						
YA36L2NNT	600 kcmil	-	300	1/2	1-3/4	1.12	1.38	0.27	5.43	1.19	Green	472	644 Series 444 Series 81K Series (2)	-	U36RT (2)	1-3/4
YA39L2NT38	750 kcmil	-	-	3/8	1	1.63	1.42	0.27	4.34	1.30	Black	24	644 Series 444 Series 81K Series (2)	-	U39RT (2)	1-1/2
YA39L2NT38E16				3/8	1-3/4	1.30	1.42	0.27	5.11	1.30						
YA39L2NT12E1				1/2	1	1.30	1.42	0.27	4.42	1.30						
YA44L2NTC12E24	1000 kcmil	-	500	1/2	1.85	1.63	1.65	0.33	5.65	1.50	White	27	644 Series 444 Series 81K Series (2)	-	P44RT (3)	1-15/16

Copper, Code, 1-Hole, Long Barrel, Inspection Window

TYPE YAZ HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

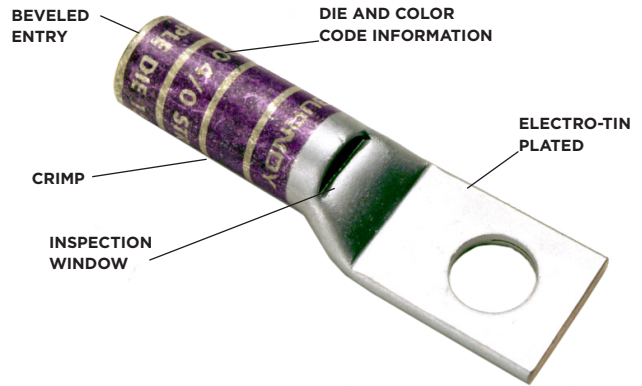
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

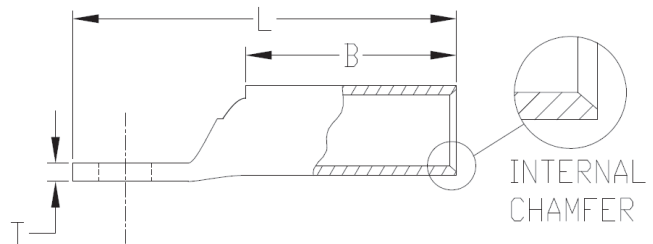
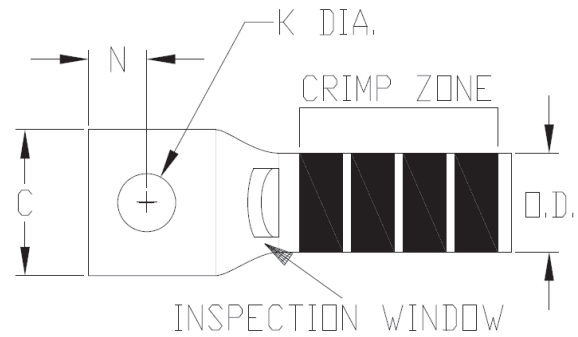
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

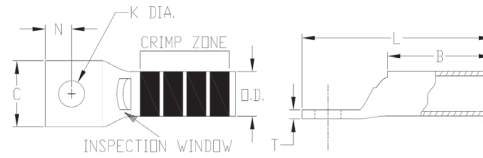


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Code, 1-Hole, Long Barrel, Inspection Window

TYPE YAZ (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

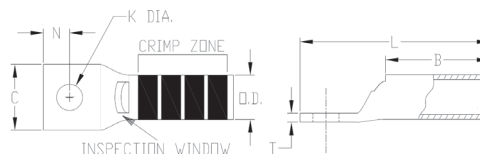
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAZV10TC14	14-10 AWG 12-10 Sol	—	6	1/4	0.41	0.69	0.05	1.52	0.21	—	—	MR20 (2) Y8MRB1 (2) Y122CMR (2)	—	—	3/4
YAZ8CTC10	8 AWG	8 G,H,I,K,M DLO	10	#10	0.41	0.75	0.08	1.43	0.27	Red	49	Y122CMR (2) YIMRTC (2) MY29 Series (2) MRC840 (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	13/16
YAZ8CTC14				1/4	0.44	0.75	0.08	1.56	0.27						
YAZ8CTC38				3/8	0.58	0.75	0.06	1.75	0.27						
YAZ6CTC10	6 AWG 6 Sol	—	—	#10	0.42	1.12	0.09	1.89	0.29	Blue	7 or 374	Y122CMR (2) YIMRTC (2) MY29 Series (2) MRC840 (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	1-3/16
YAZ6CTC14				1/4	0.45	1.12	0.08	2.02	0.29						
YAZ6CTC38				3/8	0.58	1.12	0.06	2.21	0.29						
YAZ6CTC12				1/2	0.75	1.12	0.12	2.46	0.29						
YAZ5CTC12	5 AWG	—	—	1/2	0.83	1.12	0.12	2.48	0.30	Blue	7 or 374	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-3/16	
YAZ4CTC14	4 AWG	—	—	1/4	0.50	1.12	0.09	2.04	0.34	Gray	8 or 346	Y122CMR (4) YIMRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	1-3/16
YAZ4CTC38				3/8	0.58	1.12	0.08	2.22	0.34						
YAZ4CTC12				1/2	0.73	1.12	0.06	2.50	0.34						
YAZ3CTC14	3 AWG 2 Sol	—	25	1/4	0.55	1.25	0.09	2.19	0.38	White	9	Y122CMR** (4) YIMRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W3CRT (2)	U3CRT (2)	1-5/16
YAZ3CTC38				3/8	0.58	1.25	0.08	2.38	0.38						
YAZ3CTC12				1/2	0.71	1.25	0.07	2.63	0.38						
YAZ2CTC14	2 AWG	—	35	1/4	0.60	1.25	0.11	2.21	0.42	Brown	10	Y122CMR** (4) YIMRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-5/16
YAZ2CTC516				5/16	0.60	1.25	0.11	2.27	0.42						
YAZ2CTC38				3/8	0.60	1.25	0.11	2.40	0.42						
YAZ2CTC12				1/2	0.73	1.25	0.09	2.65	0.42						
YAZ1CTC14	1 AWG	—	50	1/4	0.68	1.38	0.10	2.37	0.46	Green	11 or 375	Y122CMR** (4) YIMRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	1-7/16
YAZ1CTC38				3/8	0.68	1.38	0.10	2.56	0.46						
YAZ1CTC12				1/2	0.73	1.38	0.09	2.81	0.46						
YAZ25TC14	1/0 AWG	—	53.5	1/4	0.75	1.38	0.12	2.40	0.51	Pink	12 or 348	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W25RT (4)‡ W25VT (4)‡ X25RT (4)	U25RT (2) U2CABT (2)	1-7/16
YAZ25TC516				5/16	0.75	1.38	0.12	2.46	0.51						
YAZ25TC38				3/8	0.75	1.38	0.12	2.59	0.51						
YAZ25TC12				1/2	0.75	1.38	0.12	2.84	0.51						
YAZ26TC14	2/0 AWG	—	70	1/4	0.83	1.50	0.12	2.56	0.56	Black	13	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W26RT (4)‡ W26VT (4)‡ X26RT (4)	U26RT (2)	1-9/16
YAZ26TC38				3/8	0.83	1.50	0.12	2.75	0.56						
YAZ26TC12				1/2	0.83	1.50	0.12	3.00	0.56						

Copper, Code, 1-Hole, Long Barrel, Inspection Window

TYPE YAZ (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADPI adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAZ27TC38	3/0 AWG	—	—	3/8	0.90	1.50	0.12	2.79	0.62	Orange	14	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W27RT (4)‡	U27RT (2)	1-9/16
YAZ27TC12				1/2	0.90	1.50	0.12	3.04	0.62				W27RT (4)‡ X27RT (6)		
YAZ28TC38	4/0 AWG	—	—	3/8	1.02	1.62	0.14	2.95	0.69	Purple	15	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W28VT (4)‡	U28RT (2)	1-11/16
YAZ28TC12				1/2	1.02	1.62	0.14	3.20	0.69				W28RT (4)‡ X28RT (6)		
YAZ29TC38	250 kcmil	—	—	3/8	1.10	1.62	0.16	2.98	0.75	Yellow	16	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W29VT (4)‡	U29RT (2)	1-11/16
YAZ29TC12				1/2	1.10	1.62	0.16	3.23	0.75				W29RT (4)‡ X29RT (6)		
YAZ30TC38	300 kcmil	—	150	3/8	1.20	2.00	0.16	3.41	0.81	White	17 or 298	644 Series 444 Series 81K Series (3)	W30VT (4)‡	U30RT (4) U28ART (4)	2-1/16
YAZ30TC12				1/2	1.20	2.00	0.16	3.66	0.81				W30RT (4)‡		
YAZ31TC38	350 kcmil	—	185	3/8	1.29	2.00	0.18	3.44	0.88	Red	18 or 324	644 Series 444 Series 81K Series (3)	W31VT (4)‡	U31RT (4) U29ART (4)	2-1/16
YAZ31TC12				1/2	1.29	2.00	0.18	3.69	0.88				W31RT (4)‡		
YAZ32TC38	400 kcmil	—	—	3/8	1.40	2.12	0.19	3.61	0.95	Blue	19 or 470	644 Series 444 Series 81K Series (3)	W32VT (4)‡	U32RT U30ART (4)	2-3/16
YAZ32TC12				1/2	1.40	2.12	0.19	3.86	0.95				W32RT (4)‡		
YAZ33TC12	450 kcmil	—	—	1/2	1.48	2.12	0.21	3.95	1.01	Gray	326 or 538	644 Series 444 Series 81K Series (4)	W33VT (4)‡	U33RT (4)	2-5/16
YAZ34TC38	500 kcmil	—	240	3/8	1.55	2.25	0.23	3.84	1.06	Brown	20 or 299		W34VT (4)‡		
YAZ34TC12				1/2	1.55	2.25	0.23	4.10	1.06			W34RT (4)‡			
YAZ35TC12	550 kcmil	—	—	1/2	1.65	2.62	0.25	4.50	1.12	Yellow	21	644 Series 444 Series 81K Series (4)	—	U35RT (4)	2-11/16
YAZ36TC38	600 kcmil	—	300	3/8	1.74	2.69	0.26	4.54	1.19	Green	22 or 472		—	U36RT (4) U32ART (4)	2-3/4
YAZ36TC12				1/2	1.74	2.69	0.26	4.60	1.19			—			
YAZ37TC12	650 kcmil	—	—	1/2	1.80	2.81	0.27	4.75	1.23	Orange	23	644 Series 444 Series 81K Series (4)	—	U37RT (4)	2-7/8
YAZ38TC12	700 kcmil	—	—	1/2	1.84	2.81	0.27	4.77	1.25	Pink	400		—	U38RT (4)	2-7/8
YAZ39TC38	750 kcmil	—	—	3/8	1.91	2.88	0.27	4.81	1.30	Black	24	644 Series 444 Series 81K Series (4)	—	U39RT (4) P39RT (4)**	2-15/16
YAZ39NT12				1/2	1.63	2.88	0.27	4.87	1.30						
YAZ39TC12				1/2	1.91	2.88	0.27	4.87	1.30						
YAZ40TC12	800 kcmil	—	400	1/2	1.98	2.94	0.30	4.94	1.35	Orange	25	644 Series 444 Series 81K Series (4)	—	—	3
YAZ41TC12	850 kcmil	—	—	1/2	2.01	2.94	0.31	4.96	1.38	Gold	26		—	—	3
YAZ44TC38	1000 kcmil	—	500	3/8	2.19	3.00	0.33	5.08	1.50	White	27	644 Series 444 Series 81K Series (4)	—	P44RT (4)**	3-1/16
YAZ44TC12				1/2	2.19	3.00	0.33	5.14	1.50						
YAZ45TC12	1250 kcmil	—	—	1/2	2.46	3.19	0.38	5.43	1.69	Yellow	29	644 Series 444 Series 81K Series (4)	—	P45RT (6)**	3-1/4
YAZ45TC12	1300 kcmil	—	—	1/2	2.53	3.19	0.39	5.46	1.74	Orange	30		—	—	3-1/4
YAZ46TC12	1500 kcmil	—	—	1/2	2.69	3.19	0.40	5.53	1.84	Green	31	644 Series 444 Series 81K Series (4)	—	P46RT (6)**	3-1/4
YAZ47TC12	1750 kcmil	—	—	1/2	2.90	3.44	0.42	5.87	1.98	Gray	33		—	—	3-1/2
YAZ48TC12	2000 kcmil	—	1000	1/2	3.10	3.44	0.46	5.95	2.12	Brown	34	644 Series 444 Series 81K Series (4)	—	—	3-1/2
YAZ48TC12	2000 kcmil	—	1000	1/2	3.10	3.44	0.46	5.95	2.12	Brown	34		—	—	3-1/2

Copper, Code, 1-Hole, Long Barrel, No Inspection Window

TYPES YA, YA-TC HYLUG™ Uninsulated Copper Compression Terminal

UL Listed 90° C, Up to 35 kV ♦

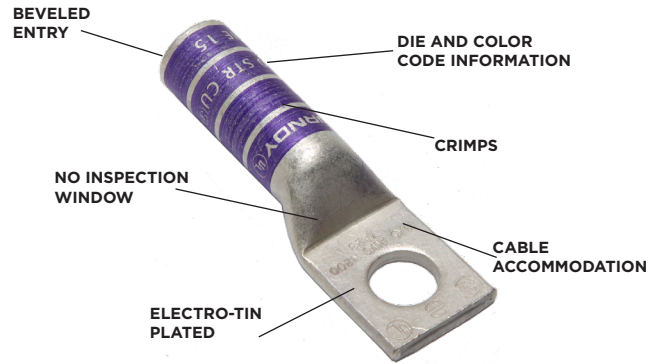
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

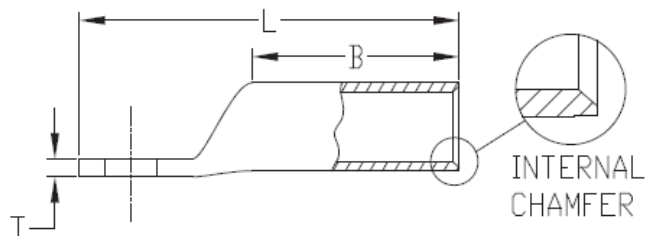
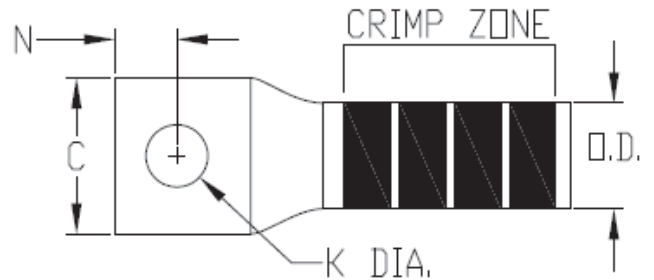
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

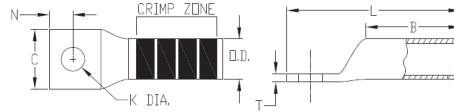


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Code, 1-Hole, Long Barrel, No Inspection Window

TYPES YA, YA-TC (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

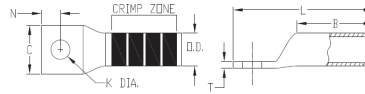
● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA8CTC10	8 AWG	#8 G,H,I,K,M DLO	8.37 † 10	#10	0.41	0.81	0.08	1.57	0.27	Red	49	Y122CMR (2) MRC840 (2) MY29 Series (2) Y8MRB1 Y1MRTC (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	7/8
YA8CTC14				1/4	0.44	0.81	0.08	1.69	0.27						
YA8CTC38				3/8	0.58	0.81	0.06	1.88	0.27						
YA6CTC8	6 AWG 6 Solid	-	-	#8	0.42	1.12	0.09	1.83	0.29	Blue	7 or 374	Y122CMR (2) MRC840 (2) MY29 Series (2) Y1MRTC (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	1-3/16
YA6CTC10				#10	0.42	1.12	0.09	1.89	0.29						
YA6C				1/4	0.41	1.12	0.09	1.81	0.29						
YA6CN				1/2	0.83	1.12	0.12	2.64	0.29						
YA6CTC516				5/16	0.52	1.12	0.07	2.08	0.29						
YA6CTC38				3/8	0.58	1.12	0.06	2.21	0.29						
YA5C	5 AWG	-	-	1/4	0.44	1.12	0.07	1.98	0.30	Blue	7 or 374	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-3/16	
YA5CN				1/2	0.83	1.12	0.12	2.67	0.30						
YA4CTC10	4 AWG	-	-	#10	0.50	1.12	0.09	1.94	0.34	Gray	8 or 346	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	1-3/16	
YA4C				1/4	0.50	1.12	0.09	1.87	0.34						
YA4CTC38				3/8	0.58	1.12	0.08	2.25	0.34						
YA4CN				1/2	0.83	1.12	0.12	2.69	0.34						
YA3CTC14	3 AWG 2 Solid	-	25	1/4	0.55	1.25	0.09	2.23	0.38	White	9	Y1MRTC (4) Y122CMR (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W3CRT (2)	U3CRT (2)	1-5/16
YA3C				5/16	0.55	1.25	0.09	2.30	0.38						
YA3CTC38				3/8	0.58	1.25	0.08	2.42	0.38						
YA3CN				1/2	0.83	1.25	0.12	2.86	0.38						
YA2CTC10	2 AWG	-	35	#10	0.60	1.25	0.11	2.10	0.42	Brown	10	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-5/16	
YA2CTC14				1/4	0.60	1.25	0.11	2.23	0.42						
YA2C				5/16	0.60	1.25	0.11	2.29	0.42						
YA2CTC38				3/8	0.60	1.25	0.11	2.41	0.42						
YA2CN				1/2	0.83	1.25	0.12	2.88	0.42						
YA1CTC10	1 AWG	-	50	#10	0.68	1.38	0.10	2.27	0.46	Green	11	Y1MRTC (4) MRC840 (2) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W1CVT (2) W1CRT (2) X1CRT (2)	U1CRT (2) U4CABT (2)	1-7/16
YA1CTC14				1/4	0.68	1.38	0.10	2.39	0.46						
YA1C				5/16	0.68	1.38	0.10	2.45	0.46						
YA1CTC38				3/8	0.68	1.38	0.10	2.58	0.46						
YA1CN				1/2	0.83	1.38	0.12	3.06	0.46						
YA25TC10	1/0 AWG	-	-	#10	0.75	1.38	0.12	2.30	0.51	Pink	12	MRC840 (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W25VT (4)‡ W25RT (4)‡ X25RT (4)	U25RT (2) U2CABT (2)	1-7/16
YA25				5/16	0.75	1.38	0.13	2.48	0.51						
YA25TC38				3/8	0.75	1.38	0.12	2.61	0.51						
YA25N				1/2	0.83	1.38	0.11	3.05	0.51						
YA26TC14	2/0 AWG	-	70	1/4	0.83	1.50	0.12	2.58	0.56	Black	13	W26VT (4)‡ W26RT (4)‡ X26RT (4)	U26RT (2)	1-9/16	
YA26TC516				5/16	0.83	1.50	0.12	2.65	0.56						

Copper, Code, 1-Hole, Long Barrel, No Inspection Window

TYPES YA, YA-TC (Continued)



Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ²		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750 46* Series	
YA26	2/0 AWG	-	70	3/8	0.83	1.50	0.12	2.77	0.56	Black	13	MRC840 (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W26VT (4)±	U26RT (2)	1-9/16
YA26N				1/2	0.83	1.50	0.12	3.21	0.56				W26RT (4)± X26RT (4)		
YA27	3/0 AWG	-	-	1/2	0.91	1.50	0.13	3.06	0.62	Orange	14	MRC840 (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W27VT (4)±	U27RT (2)	1-9/16
YA28TC38	4/0 AWG	-	-	3/8	1.02	1.62	0.14	2.98	0.69	Purple	15		MRC840 (4) MY29 Series (2) 644 Series 444 Series 81K Series (2)	W28VT (4)±	U28RT (2)
YA28				1/2	1.02	1.62	0.14	3.23	0.69			W28RT (4)±			
YA28N				1/2	1.02	1.62	0.14	3.41	0.69			X28RT (6)			
YA29	250 kcmil	-	-	1/2	1.11	1.62	0.16	3.26	0.75	Yellow	16	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W29VT (4)±	U29RT (2)	1-11/16
YA30	300 kcmil	-	150	1/2	1.20	2.00	0.16	3.69	0.81	White	17 or 298	644 Series 444 Series 81K Series (3)	W30VT (4)±	U30RT (4)	2-1/16
YA30N				1/2	1.20	2.00	0.16	3.88	0.81				U28ART (4)		
YA31	350 kcmil	-	185	1/2	1.29	2.00	0.18	3.73	0.88	Red	18 or 324	644 Series 444 Series 81K Series (3)	W31VT (4)±	U31RT (4)	2-1/16
YA32N	400 kcmil	-	-	1/2	1.40	2.12	0.19	4.09	0.95	Blue	19 or 470		W31RT (4)±	U29ART (4)	
YA32				5/8	1.40	2.12	0.19	4.15	0.95			U32RT (4) U30ART (4)			
YA33N	450 kcmil	-	-	1/2	1.48	2.13	0.21	4.17	1.01	Gray	326 or 538	644 Series 444 Series 81K Series (4)	W33VT (4)±	U33RT (4)	2-5/16
YA33				5/8	1.48	2.13	0.21	4.24	1.01				W33RT (4)±		
YA34N	500 kcmil	-	240	1/2	1.55	2.25	0.23	4.32	1.06	Brown	20 or 299	644 Series 444 Series 81K Series (4)	W34VT (4)±	U34RT (4)	2-5/16
YA34				5/8	1.55	2.25	0.23	4.39	1.06				W34RT (4)±	U31ART (4)	
YA36N	600 kcmil	-	300	1/2	1.74	2.69	0.27	4.83	1.19	Green	22 or 472	644 Series 444 Series 81K Series (4)	-	U36RT (4)	2-3/4
YA36				5/8	1.74	2.69	0.27	4.90	1.19				U32ART (4)		
YA37N	650 kcmil	-	-	1/2	1.80	2.81	0.27	4.98	1.23	Orange	23	644 Series 444 Series 81K Series (4)	-	U37RT (4)	2-7/8
YA37				5/8	1.80	2.81	0.27	5.05	1.23				-		
YA38N	700 kcmil	-	-	1/2	1.84	2.81	0.27	5.01	1.25	Pink	400	644 Series 444 Series 81K Series (4)	-	U38RT (4)	2-7/8
YA38				5/8	1.84	2.81	0.27	5.07	1.25				-		
YA39N	750 kcmil	-	-	1/2	1.91	2.88	0.27	5.11	1.30	Black	24	644 Series 444 Series 81K Series (4)	U39RT (4)	P39RT (4)	2-15/16
YA39				5/8	1.91	2.88	0.27	5.17	1.30				-		
YA40	800 kcmil	-	400	5/8	1.98	2.94	0.30	5.25	1.35	Orange	25	644 Series 444 Series 81K Series (4)	-	P40RT (4)	3
YA41N	850 kcmil	-	-	1/2	2.01	2.94	0.31	5.20	1.38	Gold	26		644 Series 444 Series 81K Series (4)	-	-
YA41				5/8	2.01	2.94	0.31	5.26	1.38			-			
YA44N	1000 kcmil	-	500	1/2	2.19	3.00	0.33	5.38	1.50	White	27	644 Series 444 Series 81K Series (4)	-	P44RT (4)	3-1/16
YA44				5/8	2.19	3.00	0.33	5.45	1.50				-		
YA45	1250 kcmil	-	-	3/4	2.46	3.19	0.38	5.93	1.69	Yellow	29	644 Series 444 Series 81K Series (4)	-	P45RT (6)	3-1/4
YA46N	1500 kcmil	-	-	1/2	2.69	3.19	0.40	5.79	1.84	Green	31		644 Series 444 Series 81K Series (4)	-	P46RT (6)
YA46				3/4	2.69	3.19	0.40	6.04	1.84			-			
YA47N	1750 kcmil	-	-	1/2	2.90	3.44	0.46	6.13	1.98	Gray	33	644 Series 444 Series 81K Series (4)	-	-	3-1/2
YA47				3/4	2.90	3.44	0.46	6.38	1.98				-		
YA48N	2000 kcmil	-	1000	1/2	3.10	3.44	0.46	6.22	2.13	Brown	34	644 Series 444 Series 81K Series (4)	-	-	3-1/2
YA48				3/4	3.10	3.44	0.46	6.47	2.13				-		

Copper, Code, 2-Hole, Long Barrel, Inspection Window

TYPES YAZ-2N, YAZ-2TC HYLUG™ Uninsulated Copper Compression Terminal

UL Listed 90° C, Up to 35 kV ♦

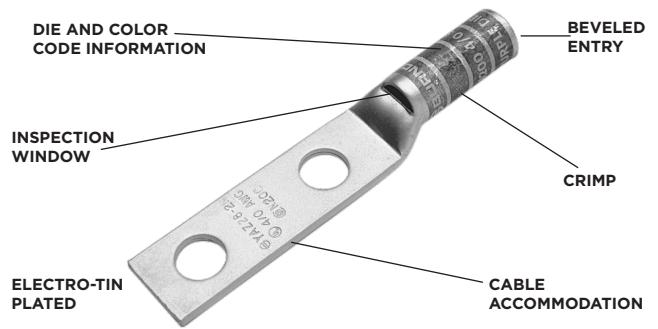
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

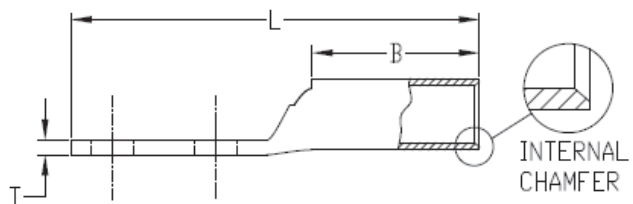
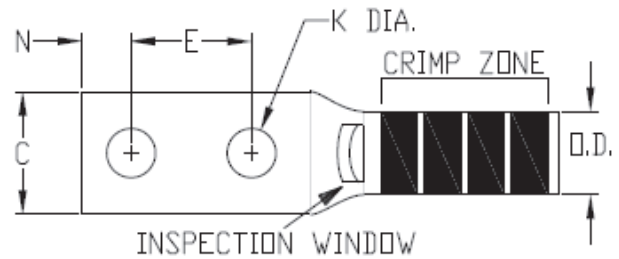
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

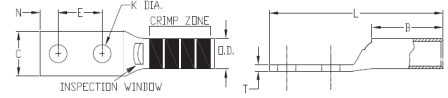


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Code, 2-Hole, Long Barrel, Inspection Window

TYPES YAZ-2N, YAZ-2TC (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

†Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

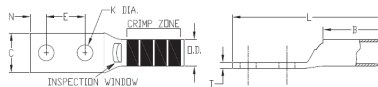
● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAZV102TC14	14-10 AWG	-	6	1/4	5/8	0.41	0.69	0.05	2.16	0.21	-	-	MR20 (2)	-	-	3/4
YAZV102TC14E2				1/4	3/4	0.41	0.69	0.05	2.28	0.21			Y8MRB1 (2) Y122CMR (2)			
YAZ8C2TC10	8 AWG	8 G,H,I,K,M DLO	8.37 † 10	#10	5/8	0.41	0.75	0.08	2.07	0.27	Red	49	Y122CMR (2)	W8CVT (2) W8CRT (2) X8CVT (2)	U8CRT (2)	7/8
YAZ8C2TC10E2				#10	3/4	0.41	0.75	0.08	2.19	0.27			Y122CMR (2) Y1MRTC (2) Y8MRB1 (2)			
YAZ8C2TC14				1/4	5/8	0.44	0.75	0.08	2.19	0.27			MY29 Series (2)			
YAZ8C2TC14E2				1/4	3/4	0.44	0.75	0.08	2.32	0.27			MRC840 (2)			
YAZ8C2TC14E1				1/4	1	0.44	0.75	0.08	2.57	0.27			81K Series			
YAZ8C2TC38				3/8	1	0.58	0.75	0.06	2.76	0.27						
YAZ6C2TC10E2	6 AWG 6 Sol	-	-	#10	3/4	0.42	1.12	0.09	2.65	0.29	Blue	7 or 374	Y122CMR (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	1-3/16
YAZ6C2TC14				1/4	5/8	0.45	1.12	0.08	2.65	0.29			MY29 Series (2)			
YAZ6C2TC14E2				1/4	3/4	0.45	1.12	0.08	2.78	0.29			MRC840 (2)			
YAZ6C2TC14E1				1/4	1	0.45	1.12	0.08	3.03	0.29			Y1MRTC (2)			
YAZ6C2TC38E2				3/8	3/4	0.58	1.12	0.06	2.97	0.29			81K Series			
YAZ6C2TC38E6				3/8	7/8	0.58	1.12	0.06	3.09	0.29						
YAZ6C2TC38				3/8	1	0.58	1.12	0.06	3.22	0.29						
YAZ6C2TC38E16				3/8	1-3/4	0.58	1.12	0.06	3.97	0.29						
YAZ6C2N				1/2	1-3/4	0.83	1.12	0.12	4.40	0.29						
YAZ5C2N	5 AWG	-	-	1/2	1-3/4	0.83	1.12	0.12	4.43	0.30	Blue	7 or 374	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-3/16	
YAZ4C2TC10E2	4 AWG	-	-	#10	3/4	0.50	1.12	0.09	2.67	0.34	Gray	8 or 346	Y122CMR (4)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	1-3/16
YAZ4C2TC14				1/4	5/8	0.50	1.12	0.09	2.67	0.34			Y1MRTC (4)			
YAZ4C2TC14E2				1/4	3/4	0.50	1.12	0.09	2.80	0.34			MY29 Series (2)			
YAZ4C2TC38				3/8	1	0.58	1.12	0.08	3.23	0.34			MRC840 (2)			
YAZ4C2N				1/2	1-3/4	0.83	1.12	0.12	4.45	0.34			644 Series 444 Series 81K Series			
YAZ3C2TC14	3 AWG 2 Sol	-	25	1/4	5/8	0.55	1.25	0.09	2.83	0.38	White	9	Y122CMR (4)	W3CRT (2)	U3CRT (2)	1-5/16
YAZ3C2TC14E2				1/4	3/4	0.55	1.25	0.09	2.95	0.38			Y1MRTC (4)			
YAZ3C2TC38E2				3/8	3/4	0.58	1.25	0.08	3.14	0.38			MY29 Series (2)			
YAZ3C2TC38				3/8	1	0.58	1.25	0.08	3.39	0.38			MRC840 (2)			
YAZ3C2N				1/2	1-3/4	0.83	1.25	0.12	4.62	0.38			644 Series 444 Series 81K Series (2)			

Copper, Code, 2-Hole, Long Barrel, Inspection Window

TYPES YAZ-2N, YAZ-2TC (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADPI adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

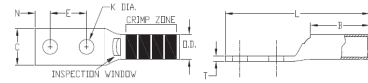
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46" Series	
YAZ2C2TC10E2	#2 AWG	-	35	#10	3/4	0.60	1.25	0.11	2.85	0.42	Brown	10	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-5/16
YAZ2C2TC14				1/4	5/8	0.60	1.25	0.11	2.85	0.42						
YAZ2C2TC14E2				1/4	3/4	0.60	1.25	0.11	2.97	0.42						
YAZ2C2TC14E1				1/4	1	0.60	1.25	0.11	3.22	0.42						
YAZ2C2TC516E7				5/16	5/8	0.60	1.25	0.11	2.91	0.42						
YAZ2C2TC516E2				5/16	3/4	0.60	1.25	0.11	3.03	0.42						
YAZ2C2TC38E2				3/8	3/4	0.60	1.25	0.11	3.16	0.42						
YAZ2C2TC38E6				3/8	7/8	0.60	1.25	0.11	3.28	0.42						
YAZ2C2TC38				3/8	1	0.60	1.25	0.11	3.41	0.42						
YAZ2C2NTC38				3/8	1-3/4	0.60	1.25	0.11	4.16	0.42						
YAZ2C2N				1/2	1-3/4	0.83	1.25	0.12	4.64	0.42						
YAZ1C2TC14	#1 AWG	-	50	1/4	5/8	0.67	1.38	0.10	3.01	0.46	Green	11 or 375	Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series (2)	W1CVT (2) W1CRT (2) X1CRT (2)	U1CRT (2) U4CABT (2)	1-7/16
YAZ1C2TC14E2				1/4	3/4	0.67	1.38	0.10	3.13	0.46						
YAZ1C2TC38				3/8	1	0.67	1.38	0.10	3.57	0.46						
YAZ1C2N				1/2	1-3/4	0.83	1.38	0.12	4.82	0.46						
YAZ252TC14	1/0 AWG	-	-	1/4	5/8	0.75	1.38	0.12	3.04	0.51	Pink	12 or 348	MY29 Series (4) MRC840 (4) 644 Series 444 Series 81K Series (2)	W25RT (4)‡ W25VT (4)‡ X25RT (4)	U25RT (2) U2CABT (2)	1-7/16
YAZ252TC14E2				1/4	3/4	0.75	1.38	0.12	3.16	0.51						
YAZ252TC14E1				1/4	1	0.75	1.38	0.12	3.41	0.51						
YAZ252TC14E3				1/4	1	0.75	1.38	0.12	3.42	0.51						
YAZ252TC516E6				5/16	7/8	0.75	1.38	0.12	3.35	0.51						
YAZ252TC516				5/16	1	0.75	1.38	0.12	3.47	0.51						
YAZ252TC38				3/8	1	0.75	1.38	0.12	3.60	0.51						
YAZ252NTC38				3/8	1-3/4	0.75	1.38	0.12	4.35	0.51						
YAZ252N				1/2	1-3/4	0.83	1.38	0.11	4.79	0.51						
YAZ262TC14	2/0 AWG	-	70	1/4	5/8	0.83	1.50	0.12	3.20	0.56	Black	13	MY29 Series (4) MRC840 (4) 644 Series 444 Series 81K Series (2)	W26VT (4)‡ W26RT (4)‡ X26RT (4)	U26RT (2)	1-9/16
YAZ262TC14E2				1/4	3/4	0.83	1.50	0.12	3.32	0.56						
YAZ262TC14E1				1/4	1	0.83	1.50	0.12	3.57	0.56						
YAZ262TC38				3/8	1	0.83	1.50	0.12	3.76	0.56						
YAZ262TC38E16				3/8	1-3/4	0.83	1.50	0.12	4.51	0.56						
YAZ262N				1/2	1-3/4	0.83	1.50	0.12	4.95	0.56						
YAZ272TC14E2	3/0 AWG	-	-	1/4	3/4	0.90	1.50	0.12	3.36	0.62	Orange	14	MY29 Series (4) MRC840 (4) 644 Series 444 Series 81K Series (2)	W27VT (4)‡ W27RT (4)‡ X27RT (6)	U27RT (2)	1-9/16
YAZ272TC38				3/8	1	0.90	1.50	0.12	3.80	0.62						
YAZ272N				1/2	1-3/4	0.91	1.50	0.12	4.98	0.62						
YAZ282TC14E2	4/0 AWG	-	-	1/4	3/4	1.02	1.62	0.14	3.55	0.69	Purple	15	MY29 Series (4) MRC840 (4) 644 Series 444 Series 81K Series (2)	W28VT (4)‡ W28RT (4)‡ X28RT (6)	U28RT (2)	1-11/16
YAZ282TC38				3/8	1	1.02	1.62	0.14	3.99	0.69						

Copper, Code, 2-Hole, Long Barrel, Inspection Window

TYPES YAZ-2N, YAZ-2TC (Continued)



Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ²		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAZ282NTC38	4/0 AWG	-	-	3/8	1-3/4	1.02	1.62	0.14	4.74	0.69	Purple	15	MY29 Series (4) MRC840 (4) 644 Series 444 Series 81K Series (2)	W28VT (4)±	U28RT (2)	1-11/16
YAZ282N				1/2	1-3/4	1.02	1.62	0.14	5.15	0.69				W28RT (4)± X28RT (6)		
YAZ292TC38	250 kcmil	-	-	3/8	1	1.10	1.62	0.14	3.99	0.75	Yellow	16	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W29VT (4)±	U29RT (2)	1-11/16
YAZ292N				1/2	1-3/4	1.10	1.62	0.16	5.18	0.75				W29RT (4)± X29RT (8)		
YAZ302TC38	300 kcmil	-	150	3/8	1	1.20	2.00	0.16	4.42	0.81	White	17 or 298	644 Series 444 Series 81K Series (3)	W30VT (4)±	U30RT (4)	2-1/16
YAZ302N				1/2	1-3/4	1.20	2.00	0.16	5.60	0.81				W30RT (4)± U28ART (4)		
YAZ312TC14E2	350 kcmil	-	185	1/4	3/4	1.29	2.00	0.18	4.02	0.88	Red	18 or 324	644 Series 444 Series 81K Series (3)	W31VT (4)±	U31RT (4)	2-1/16
YAZ312TC38				3/8	1	1.29	2.00	0.18	4.45	0.88				W31RT (4)±	U29ART (4)	
YAZ312N				1/2	1-3/4	1.29	2.00	0.18	5.64	0.88						
YAZ322TC38	400 kcmil	-	-	3/8	1	1.40	2.12	0.19	4.62	0.95	Blue	19 or 470	644 Series 444 Series 81K Series (3)	W32VT (4)±	U32RT (4)	2-3/16
YAZ322N				1/2	1-3/4	1.40	2.12	0.19	5.81	0.95				W32RT (4)± U30ART (4)		
YAZ332N	450 kcmil	-	-	1/2	1-3/4	1.48	2.12	0.21	5.89	1.01	Gray	326 or 538	644 Series 444 Series 81K Series (4)	W33VT (4)	U33RT (4)	2-5/16
YAZ342TC14E2	500 kcmil	-	240	1/4	3/4	1.55	2.25	0.23	4.42	1.06	Brown	20 or 299	644 Series 444 Series 81K Series (4)	W34VT (4)±	U34RT (4)	2-5/16
YAZ342TC38				3/8	1	1.55	2.25	0.23	4.85	1.06				W34RT (4)±	U31ART (4)	
YAZ342N				1/2	1-3/4	1.55	2.25	0.23	6.04	1.06						
YAZ352N	550 kcmil	-	-	1/2	1-3/4	1.65	2.62	0.25	6.45	1.12	Yellow	21	644 Series 444 Series 81K Series (4)	-	U35RT (4)	2-11/16
YAZ362TC38	600 kcmil	-	300	3/8	1	1.74	2.69	0.26	5.55	1.19	Green	22 or 472	644 Series 444 Series 81K Series (4)	-	U36RT (4)	2-3/4
YAZ362N				1/2	1-3/4	1.74	2.69	0.26	6.55	1.19				U32ART (4)		
YAZ372N	650 kcmil	-	-	1/2	1-3/4	1.80	2.81	0.27	6.70	1.23	Orange	23	644 Series 444 Series 81K Series (4)	-	U37RT (4)	2-7/8
YAZ382N	700 kcmil	-	-	1/2	1-3/4	1.84	2.81	0.27	6.72	1.25	Pink	400	644 Series 444 Series 81K Series (4)	-	U38RT (4)	2-7/8
YAZ392NT38	750 kcmil	-	-	3/8	1	1.63	2.88	0.27	5.82	1.30	Black	24	644 Series 444 Series 81K Series (4)	-	U39RT (4)	2-15/16
YAZ392TC38				3/8	1	1.91	2.88	0.27	5.82	1.30				P39RT (4)**		
YAZ392N				1/2	1-3/4	1.91	2.88	0.27	6.82	1.30						
YAZ392NNT				1/2	1-3/4	1.63	2.88	0.27	6.82	1.30						
YAZ402N	800 kcmil	-	400	1/2	1-3/4	1.98	2.94	0.30	6.89	1.35	Orange	25	644 Series 444 Series 81K Series (4)	-	P40RT (4)**	3
YAZ412N	850 kcmil	-	-	1/2	1-3/4	2.01	2.94	0.31	6.91	1.38	Gold	26	644 Series 444 Series 81K Series (4)	-	-	3
YAZ442TC38	1000 kcmil	-	500	3/8	1	2.19	3.00	0.33	6.09	1.50	White	27	644 Series 444 Series 81K Series (4)	-	P44RT (4)**	3-1/16
YAZ442N				1/2	1-3/4	2.19	3.00	0.33	7.08	1.50						
YAZ452N	1250 kcmil	-	-	1/2	1-3/4	2.46	3.19	0.38	7.38	1.69	Yellow	29	644 Series 444 Series 81K Series (4)	-	P45RT (6)**	3-1/4
YAZ4532N	1300 kcmil	-	-	1/2	1-3/4	2.53	3.19	0.39	7.41	1.74	Orange	30	644 Series 444 Series 81K Series (4)	-	-	2-1/16
YAZ462N	1500 kcmil	-	-	1/2	1-3/4	2.69	3.19	0.40	7.48	1.84	Green	31	644 Series 444 Series 81K Series (4)	-	P46RT (6)**	3-5/16
YAZ472N	1750 kcmil	-	-	1/2	1-3/4	2.90	3.44	0.42	7.82	1.98	Gray	33	644 Series 444 Series 81K Series (4)	-	-	3-1/2
YAZ482N	2000 kcmil	-	1000	1/2	1-3/4	3.10	3.44	0.46	7.89	2.12	Brown	34	644 Series 444 Series 81K Series (4)	-	-	3-1/2

Copper, Code, 2-Hole, Long Barrel, No Inspection Window

TYPES YA-2N, YA-2TC, YA-4N HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

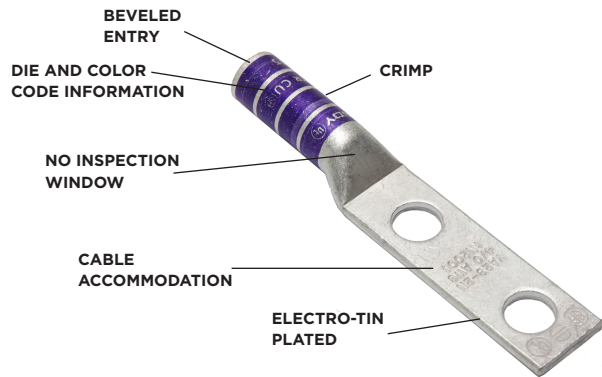
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

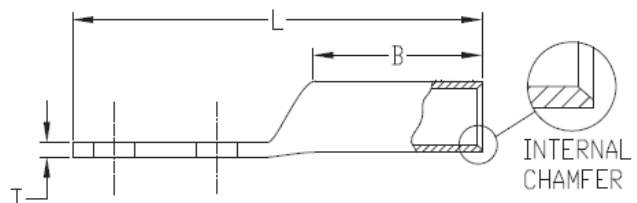
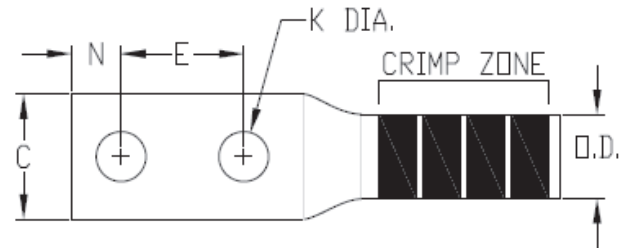
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

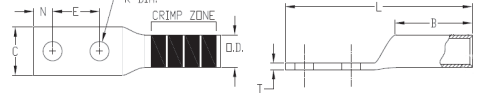


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Code, 2-Hole, Long Barrel, No Inspection Window

TYPES YA-2N, YA-2TC, YA-4N (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

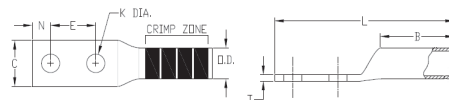
● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA8C2TC14	8 AWG	G,H,I,K,M DLO	† 10	1/4	5/8	0.44	0.81	0.08	2.33	0.27	Red	49	Y8MRB1 (2) Y1MRTC (2) Y122CMR (2) MY29 Series (2) MRC840 (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	7/8
YA8C2TC14E2				1/4	3/4	0.44	0.81	0.08	2.45	0.27						
YA8C2TC38				3/8	1	0.58	0.81	0.06	2.89	0.27						
YA8C2N				1/2	1-3/4	0.83	0.81	0.12	4.08	0.27						
YA6C2TC14	6 AWG 6 SOL	-	-	1/4	5/8	0.45	1.12	0.08	2.65	0.29	Blue	7 or 374	Y122CMR (2) Y1MRTC (2) MY29 Series (2) MRC840 (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	1-3/16
YA6C2TC14E2				1/4	3/4	0.45	1.12	0.08	2.78	0.29						
YA6C2TC14E1				1/4	1	0.45	1.12	0.08	3.03	0.29						
YA6C2TC38E2				3/8	3/4	0.58	1.12	0.06	2.97	0.29						
YA6C2TC38E6				3/8	7/8	0.58	1.12	0.06	3.09	0.29						
YA6C2TC38				3/8	1	0.58	1.12	0.06	3.22	0.29						
YA6C2N	1/2	1-3/4	0.83	1.12	0.12	4.40	0.29									
YA5C2N	5 AWG	-	-	1/2	1-3/4	0.83	1.12	0.12	4.43	0.30	Blue	7 or 374	MY29 Series (2) MRC840 (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-3/16
YA4C2TC14	4 AWG	-	-	1/4	5/8	0.50	1.12	0.09	2.70	0.34	Gray	8 or 346	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	1-3/16
YA4C2TC14E2				1/4	3/4	0.50	1.12	0.09	2.83	0.34						
YA4C2TC38				3/8	1	0.58	1.12	0.08	3.26	0.34						
YA4C2N				1/2	1-3/4	0.83	1.12	0.12	4.45	0.34						
YA3C2TC14	3 AWG 2 SOL	-	25	1/4	5/8	0.55	1.25	0.09	2.87	0.38	White	9	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series (2)	W3CRT (2)	U3CRT (2)	1-5/16
YA3C2TC14E2				1/4	3/4	0.55	1.25	0.09	2.99	0.38						
YA3C2TC38E2				3/8	3/4	0.58	1.25	0.08	3.18	0.38						
YA3C2TC38				3/8	1	0.58	1.25	0.08	3.43	0.38						
YA3C2N	1/2	1-3/4	0.83	1.25	0.12	4.62	0.38									
YA2C2TC14	2 AWG	-	35	1/4	5/8	0.60	1.25	0.11	2.86	0.42	Brown	10	Y122CMR*** (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-5/16
YA2C2TC14E2				1/4	3/4	0.60	1.25	0.11	2.98	0.42						
YA2C2TC516E2				5/16	3/4	0.60	1.25	0.11	3.05	0.42						
YA2C2TC38E2				3/8	3/4	0.60	1.25	0.11	3.17	0.42						
YA2C2TC38E6				3/8	7/8	0.60	1.25	0.11	3.30	0.42						
YA2C2TC38				3/8	1	0.60	1.25	0.11	3.42	0.42						
YA2C2NTC38				3/8	1-3/4	0.60	1.25	0.11	4.17	0.42						
YA2C2N				1/2	1-3/4	0.83	1.25	0.12	4.64	0.42						
YA1C2TC14	1 AWG	-	50	1/4	5/8	0.67	1.38	0.10	3.03	0.46	Green	11 or 375	W1CVT (2) W1CRT (2) X1CRT (2)	U1CRT (2) U4CABT (2)	1-7/16	
YA1C2TC14E2				1/4	3/4	0.67	1.38	0.10	3.15	0.46						
YA1C2TC38				3/8	1	0.67	1.38	0.10	3.59	0.46						
YA1C2N				1/2	1-3/4	0.83	1.38	0.12	4.82	0.46						
YA252TC14	1/0 AWG	-	-	1/4	5/8	0.75	1.38	0.12	3.05	0.51	Pink	12	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W25VT (4)‡ W25RT (4)‡ X25RT (4)	U25RT (2) U2CABT (2)	1-7/16
YA252TC14E2				1/4	3/4	0.75	1.38	0.12	3.18	0.51						
YA252TC516				5/16	1	0.75	1.38	0.12	3.49	0.51						
YA252TC38				3/8	1	0.75	1.38	0.12	3.62	0.51						
YA252NTC38				3/8	1-3/4	0.75	1.38	0.12	4.37	0.51						
YA252N	1/2	1-3/4	0.83	1.38	0.11	4.81	0.51									

Copper, Code, 2-Hole, Long Barrel, No Inspection Window

TYPES YA-2N, YA-2TC, YA-4N (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

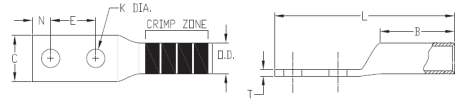
● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM^m conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA262TC14	2/0 AWG	-	70	1/4	5/8	0.83	1.50	0.12	3.22	0.56	Black	13	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W26VT (4)± W26RT (4)± X26RT (4)	U26RT (2)	1-9/16
YA262TC14E2				1/4	3/4	0.83	1.50	0.12	3.34	0.56						
YA262TC38				3/8	1	0.83	1.50	0.12	3.78	0.56						
YA262N				1/2	1-3/4	0.83	1.50	0.12	4.97	0.56						
YA272TC14E2	3/0 AWG	-	-	1/4	3/4	0.90	1.50	0.12	3.38	0.62	Orange	14	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W27VT (4)± W27RT (4)± X27RT (6)	U27RT (2)	1-9/16
YA272TC38				3/8	1	0.90	1.50	0.12	3.82	0.62						
YA272N				1/2	1-3/4	0.91	1.50	0.13	5.01	0.62						
YA282TC14E2	4/0 AWG	-	-	1/4	3/4	1.02	1.62	0.14	3.55	0.69	Purple	15	644 Series 444 Series 81K Series (2)	W28VT (4)± W28RT (4)± X28RT (6)	U28RT (2)	1-11/16
YA282TC38				3/8	1	1.02	1.62	0.14	3.99	0.69						
YA282NTC38				3/8	1-3/4	1.02	1.62	0.14	4.74	0.69						
YA282N				1/2	1-3/4	1.02	1.62	0.14	5.17	0.69						
YA292TC38	250 kcmil	-	-	3/8	1	1.10	1.62	0.16	4.02	0.75	Yellow	16	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W29VT (4)± W29RT (4)± X29RT (8)	U29RT (2)	1-11/16
YA292N				1/2	1-3/4	1.11	1.62	0.16	5.21	0.75						
YA292TC58E16				5/8	1-3/4	1.11	1.62	0.16	5.27	0.75						
YA302TC38	300 kcmil	-	150	3/8	1	1.20	2.00	0.16	4.45	0.81	White	17 or 298	644 Series 444 Series 81K Series (3)	W30VT (4)± W30RT (4)±	U30RT (4) U28ART (4)	2-1/16
YA302N				1/2	1-3/4	1.20	2.00	0.16	5.64	0.81						
YA312TC14E2	350 kcmil	-	185	1/4	3/4	1.29	2.00	0.18	4.05	0.88	Red	18 or 324	644 Series 444 Series 81K Series (3)	W31RT (4)± W31VT (4)±	U31RT (4) U29ART (4)	2-1/16
YA312TC38				3/8	1	1.29	2.00	0.18	4.49	0.88						
YA312N				1/2	1-3/4	1.29	2.00	0.18	5.69	0.88						
YA322TC38	400 kcmil	-	-	3/8	1	1.40	2.12	0.19	4.66	0.95	Blue	19 or 470	644 Series 444 Series 81K Series (4)	W32VT (4)± W32RT (4)±	U32RT (4) U30ART (4)	2-3/16
YA322N				1/2	1-3/4	1.40	2.12	0.19	5.85	0.95						
YA332N	450 kcmil	-	-	1/2	1-3/4	1.48	2.13	0.21	5.93	1.01	Gray	326 or 538		W33VT (4)± W33RT (4)±	U33RT (4)	2-3/16
YA342TC14E2	500 kcmil	-	240	1/4	3/4	1.55	2.25	0.23	4.46	1.06	Brown	20 or 299	644 Series 444 Series 81K Series (4)	W34VT (4)± W34RT (4)±	U34RT (4)	2-5/16
YA342TC38				3/8	1	1.55	2.25	0.23	4.90	1.06						
YA342N				1/2	1-3/4	1.55	2.25	0.23	6.06	1.06						
YA352N	550 kcmil	-	-	1/2	1-3/4	1.65	2.63	0.25	6.49	1.13	Yellow	21		-	U35RT (4)	2-11/16
YA362TC38	600 kcmil	-	300	3/8	1	1.74	2.69	0.26	5.59	1.19	Green	22 or 472	644 Series 444 Series 81K Series (4)	-	U36RT (4) U32ART (4)	2-3/4
YA362N				1/2	1-3/4	1.74	2.69	0.27	6.59	1.19						
YA372N	650 kcmil	-	-	1/2	1-3/4	1.80	2.81	0.27	6.74	1.23	Orange	23		-	U37RT (4)	2-7/8
YA382TC38	700 kcmil	-	-	3/8	1	1.84	2.81	0.27	5.76	1.25	Pink	400	644 Series 444 Series 81K Series (4)	-	U38RT (4)	2-7/8
YA382N				1/2	1-3/4	1.84	2.81	0.27	6.77	1.25						

Copper, Code, 2-Hole, Long Barrel, No Inspection Window

TYPES YA-2N, YA-2TC, YA-4N (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA392NT38	750 kcmil	-	-	3/8	1	1.63	2.88	0.27	5.87	1.30	Black	24	644 Series 444 Series 81K Series (4)	-	U39RT (4) P39RT (4)	2-15/16
YA392TC38				3/8	1	1.91	2.88	0.27	5.87	1.30						
YA392N				1/2	1-3/4	1.91	2.88	0.27	6.87	1.30						
YA392ENNT				1/2	1-3/4	1.30	2.88	0.27	6.87	1.30						
YA402N	800 kcmil	-	400	1/2	1-3/4	1.98	2.94	0.30	6.95	1.35	Orange	25	-	P40RT (4)	3	
YA412N	850 kcmil	-	-	1/2	1-3/4	2.01	2.94	0.31	6.96	1.38	Gold	26	-	P41D (2) P44PR	3	
YA442TC38	1000 kcmil	-	500	3/8	1	2.19	3.00	0.33	6.14	1.50	White	27	-	P44RT (4)	3-1/16	
YA442N				1/2	1-3/4	2.19	3.00	0.32	7.14	1.50	White	27			3-1/16	
YA452N	1250 kcmil	-	-	1/2	1-3/4	2.46	3.19	0.38	7.44	1.69	Yellow	29	-	P45RT (6)	3-1/4	
YA4532N	1300 kcmil	-	-	1/2	1-3/4	2.53	3.19	0.39	7.48	1.74	Orange	30	-	-	3-1/4	
YA462N	1500 kcmil	-	-	1/2	1-3/4	2.69	3.19	0.40	7.55	1.84	Green	31	-	P46RT (6)	3-1/4	
YA472N	1750 kcmil	-	-	1/2	1-3/4	2.90	3.44	0.42	7.89	1.98	Gray	33	-	-	3-1/2	
YA482N	2000 kcmil	-	1000	1/2	1-3/4	3.10	3.44	0.46	7.98	2.13	Brown	34	-	-	3-1/2	

Copper, Code, 2-Hole, Narrow, Long Barrel, No Inspection Window

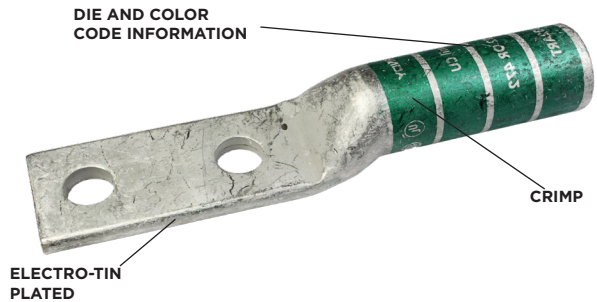
TYPE YA-2NT HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

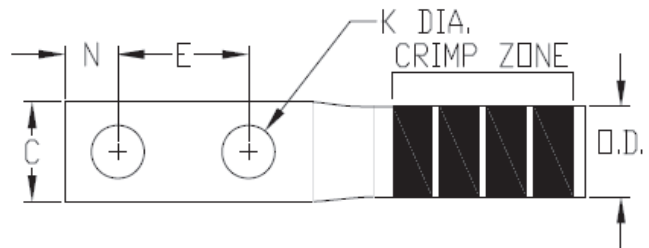
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Narrow tongue/tang is designed for limited space applications
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

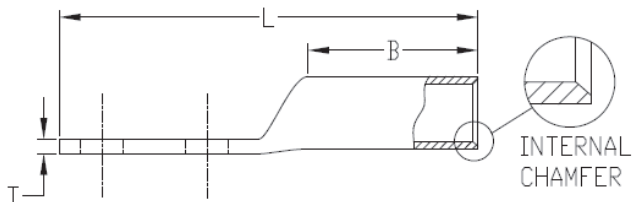


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



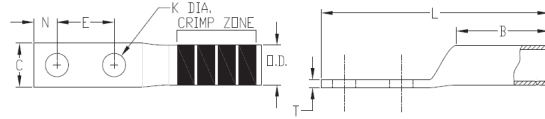
Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



Copper, Code, 2-Hole, Narrow, Long Barrel, No Inspection Window

TYPE YA-2NT (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

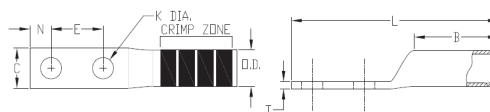
‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA8C2NT8	8 AWG	8 G,H,I,K,M DLO	10	#8	5/8	0.33	0.81	0.09	2.14	0.27	Red	49	Y122CMR (2) Y1MRTC (2)	W8CRT (2) W8CVT (2) X8CRT (2)	U8CRT	7/8
YA6C2NT8	6 AWG 6 Sol	—	—	#8	5/8	0.33	0.81	0.09	2.14	0.29	Blue	7 or 374	MY29 Series (2) MRC840 (2) 81K Series	W5CRT (2) W5CVT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	1-3/16
YA4C2NT10	4 AWG	—	—	#10	5/8	0.33	1.12	0.09	2.47	0.34	Black	8 or 346	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	1-3/16
YA4C2NT14				1/4	5/8	0.49	1.12	0.09	2.70	0.4						
YA2C2NT14	2 AWG	—	35	1/4	5/8	0.48	1.25	0.11	2.86	0.42	Brown	10	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT	1-5/16
YA2C2NT14E2				1/4	3/4	0.75	1.25	0.11	2.99	0.42						
YA2C2NT14E1				1/4	1	0.60	1.00	0.13	3.26	0.42						
YA1C2NT10	1 AWG	—	50	#10	5/8	0.50	1.38	0.10"	2.90	0.46	Green	11 or 375	Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series(2)	W1CVT (2) W1CRT (2) X1CRT (2)	U1CRT (2) U4CABT (2)	1-7/16
YA1C2NT14				1/4	5/8	0.50	1.38	0.10	3.03	0.46						
YA1C2NT14E2				1/4	3/4	0.75	1.38	0.10	3.15	0.46						
YA1C2TC38				3/8	1	0.60	1.38	0.10	3.59	0.46						
YA1C2N				1/2	1-3/4	0.83	1.38	0.12	4.82	0.46						
YA252NT14	1/0 AWG	—	—	1/4	5/8	0.48	1.38	0.09	3.05	0.52	Pink	12	W25VT (4)‡ W25RT (4)‡ X25RT (4)	U25RT (2) U2CABT (2)	1-7/16	
YA252NT14E1				1/4	1	0.48	1.38	0.09	3.05	0.52						
YA252NT38				3/8	1	0.48	1.38	0.09	3.05	0.52						
YA262NT14	2/0 AWG	—	70	1/4	5/8	0.48	1.50	0.12	3.22	0.56	Black	13	MY29 Series (2) MRC840 (4) 644 Series 444 Series 81K Series (2)	W26VT (4)‡ W26RT (4)‡ X26RT (4)	U26RT (2)	1-9/16
YA262NT14E1				1/4	1	0.48	1.50	0.12	3.59	0.56						
YA262NT516				5/16	1	0.52	1.50	0.13	3.66	0.56						
YA262NT38				3/8	1	0.62	1.50	0.13	3.78	0.56						
YA272NT14	3/0 AWG	—	—	1/4	5/8	0.60	1.50	0.13	3.26	0.62	Orange	14	W27VT (4)‡ W27RT (4)‡ X27RT (6)	U27RT (2)	1-9/16	
YA272NT516				5/16	1	0.60	1.50	0.13	3.70	0.62						
YA272NT38				3/8	1	0.76	1.50	0.13	3.82	0.62						
YA282NT14	4/0 AWG	—	—	1/4	5/8	0.76	1.62	0.14"	3.42	0.69	Purple	15	W28VT (4)‡ W28RT (4)‡ X28RT (6)	U28RT (2)	1-11/16	
YA282NT516				5/16	1	0.76	1.62	0.14"	3.86	0.69						
YA282NT38				3/8	1	0.76	1.62	0.10"	3.99	0.69						

Copper, Code, 2-Hole, Narrow, Long Barrel, No Inspection Window

TYPE YA-2NT (Continued)



Notes: All dimensions shown are for reference only.

*Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools

**P-RT die sets are for use in 46 Series ONLY, no adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750 46* Series	
YA292NT14	250 kcmil	-	-	1/4	5/8	0.76	1.62	0.16	3.49	0.75	Yellow	16	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W29VT (4)‡ W29RT (4)‡ X29RT (8)	U29RT (2)	1-11/16
YA292NT516				5/16	1	0.76	1.62	0.16	3.90	0.75						
YA292NT38				3/8	1	0.76	1.62	0.16	4.02	0.75						
YA292NT38E16				3/8	1-3/4	0.76	1.62	0.16	4.77	0.75						
YA292NNT				1/2	1-3/4	0.96	1.62	0.16	5.21	0.75						
YA302NT38	300 kcmil	-	150	3/8	1	0.52	2.00	0.13	3.66	0.81	White	17 or 298	644 Series 444 Series 81K Series (3)	W30VT (4)‡ W30RT (4)‡	U30RT (4) U28ART (4)	2-1/16
YA312NT38	350 kcmil	-	185	3/8	1	0.96	2.00	0.18	4.48	0.88	Red	18 or 324		W31VT (4)‡ W31RT (4)‡	U31RT (4) U29ART (4)	2-1/16
YA312NT38E16				3/8	1-3/4	0.96	2.00	0.18	5.24	0.88						
YA322NT38	400 kcmil	-	-	3/8	1	0.96	2.12	0.19	4.66	0.95	Blue	19 or 470	644 Series 444 Series 81K Series (4)	W32VT (4)‡ W32RT (4)‡	U32RT (4) U30ART (4)	2-3/16
YA322NNT				1/2	1-3/4	0.96	2.00	0.18	5.24	0.95						
YA342NT38	500 kcmil	-	240	3/8	1	0.96	2.25	0.23	4.90	1.06	Brown	20 or 299	644 Series 444 Series 81K Series (4)	W34VT (4)‡ W34RT (4)‡	U34RT (4) U31ART (4)	2-5/16
YA342NT38E16				3/8	1-3/4	0.96	2.25	0.23	4.90	1.06						
YA342NNT				1/2	1-3/4	0.76	2.25	0.23	6.08	1.06						
YA342NT58				5/8	1-3/4	1.29"	2.25	0.23	6.15	1.06						
YA362NT38	600 kcmil	-	300	3/8	1-3/4	1.12	2.69	0.26	6.59	1.19	Green	22 or 472	644 Series 444 Series 81K Series (4)	-	U36RT (4) U32ART (4)	2-3/4
YA362NNT				1/2	1-3/4	1.47	2.69	0.27	6.59	1.19						
YA362NT12				1/2	1-3/4	1.12	2.69	0.26	6.59	1.19						
YA392NT38	750 kcmil	-	-	3/8	1	1.12	2.88	0.16	5.87	1.30	Black	24	644 Series 444 Series 81K Series (4)	-	U39RT (4) P39RT (4)	2-15/16
YA392NT38E16				3/8	1-3/4	1.12	2.88	0.16	6.43	1.30						
YA392NNT				1/2	1-3/4	1.63	2.88	0.26	6.87	1.30						
YA392ENNT				1/2	1-3/4	1.30"	2.88	0.26	6.87	1.30						
YA392NT58				5/8	1-3/4	1.30"	2.88	0.26	6.93	1.30						

Copper, Code, 4-Hole, Long Barrel, No Inspection Window

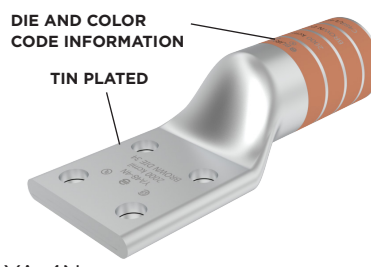
TYPES YA-4N, YAB-4N HYLUG™

Uninsulated Copper Compression Terminal

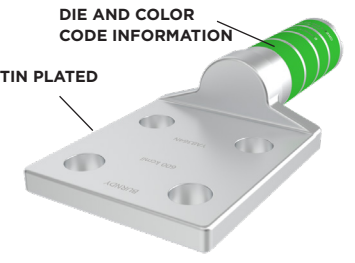


UL Listed 90° C, Up to 35 kV ♦

45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175



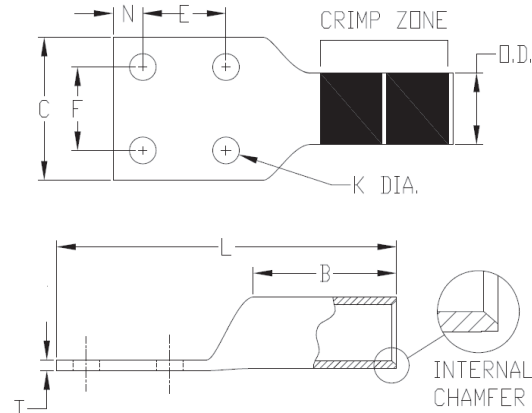
YA-4N



YAB-4N

Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Four hole tongue/tang is recommended when space permits as the 4-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Notes: All dimensions shown are for reference only.
 *Use PUADP1 adapter with the use of U dies in 46 Series Crimp Tools
 **P-RT die sets are for use in 46 Series ONLY, no adapter required
 ***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY
 †L-RT Dies require 60 Series crimp tools not identified in table
 ● The MM² conductor sizes listed are the recommendations for Class 2 conductor

Catalog Number	Conductor			Color Code	Die Index	Stud Size	Figure Dimensions							35, 750, 46* Series	Wire Strip Length (IN)	
	Code	Flex	Metric MM² ●				Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E & F)	Hole Offset (N)			Pad Thickness (T)
YAB344N	500 kcmil	—	—	Brown	20	1/2	0.56	1.06	2.25	3.00	6.33	1.75	0.62	0.25	U34RT	2-5/16
YAB364N	600 kcmil	—	—	Green	22	1/2	0.56	1.19	2.69	3.00	6.79	1.75	0.62	0.25	U36RT	2-3/4
YAB394N	750 kcmil	—	—	Black	24	1/2	0.56	1.30	2.88	3.00	7.15	1.75	0.62	0.25	U39RT	2-15/16
YA444N	1000 kcmil	—	500	White	27	1/2	0.56	1.50	3.00	3.00	7.14	1.75	0.63	0.23	P44RT	3-1/16
YA454N	1250 kcmil	—	—	Yellow	29	1/2	0.56	1.69	3.19	3.00	7.44	1.75	0.63	0.30	P45RT	3-1/4
YA464N	1500 kcmil	—	—	Green	31	1/2	0.56	1.84	3.19	3.00	7.55	1.75	0.63	0.34	P46RT	3-1/4
YA474N	1750 kcmil	—	—	Gray	33	1/2	0.56	1.98	3.44	2.90	7.89	1.75	0.63	0.39	L47RT†	3-1/2
YA484N	2000 kcmil	—	1000	Brown	34	1/2	0.56	2.13	3.44	3.10	7.98	1.75	0.63	0.46	L48RT†	3-1/2
YA4864N	2500 kcmil	—	—	—	—	1/2	0.56	2.38	4.69	3.46	9.38	1.75	0.63	0.52	L486RT†	4-3/4

Copper Flex Wire Table

Copper Wire Table								
*Terminal Designation	Barrel O.D. (IN)	Flexible Nominal Wire Size / Wire Classes / Wire Class Stranding						DLO
		Flex Size (Nominal)	G	H	I	K	M	
**YAV10	0.21	#14 - #10 AWG	—	—	26/24	104/30	259/34	27/24
**YA8C	0.27	#8 AWG	49	133	41/24	168/30	420/34	37/24
YAV6C	0.31	#6 AWG	49	133	63/24	266/30	655/34	61/24
YA5C	0.30	#5 AWG	49	133	84/24	336/30	836/34	91/24
YAV4C	0.38	#4 AWG	49	133	105/24	420/30	1064/34	105/24
YAV3C	0.42	#3 AWG	49	133	133/24	532/30	1323/34	125/24
YAV2C	0.46	#2 AWG	49	133	161/24	665/30	1666/34	150/24
YAV1C	0.51	#1 AWG	133	259	210/24	835/30	2107/34	225/24
YAV25-FX	0.56	1/0 AWG	133	259	226/24	1064/30	2646/34	275/24
YAV26-FX	0.63	2/0 AWG	133	259	342/24	1323/30	3325/34	325/24
YAV27-FX	0.70	3/0 AWG	133	259	418/24	1666/30	4256/34	450/24
YAV28-FX	0.77	4/0 AWG	133	427	532/24	2107/30	5320/34	550/24
YAV29	0.80	4/0 AWG	(4/0 AWG) 133	(4/0 AWG) 427	(4/0 AWG) 532/24	(4/0 AWG) 2107/30	(4/0 AWG) 5320/34	(4/0 AWG) 550/24
YA30-FX	0.81	250 kcmil	259	427	—	—	—	—
YA31-FX	0.88	250 kcmil	—	—	637/24	2499/30	6348/34	262
YA32-FX	0.95	300 kcmil	259	427	735/24	2989/30	7581/34	313
YA34-FX	1.06	350 kcmil	259	427	882/24	3458/30	8806/34	373
YA36-FX	1.19	500 kcmil	259	427	—	—	—	444
YA38-FX	1.25	500 kcmil	—	427	1225/24	5054/30	—	535
		550 kcmil	427	703	1372/24	—	—	
YA39-FX	1.30	600 kcmil	427	703	1470/24	5985/30	—	1470/24
YA40-FX	1.35	650 kcmil	427	—	—	—	—	646
YA44-FX	1.50	750 kcmil	427	703	1862	—	—	777
YA46-FX	1.84	1000 kcmil	—	—	—	—	—	1111

*Catalog Number with suffix "FX" denote connectors that accommodate Copper Flexible Wire

Copper, Flex, 1-Hole, Standard Barrel, Inspection Window

TYPES YA-L, YA-L-FX, YAV, YAV-L-FX HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

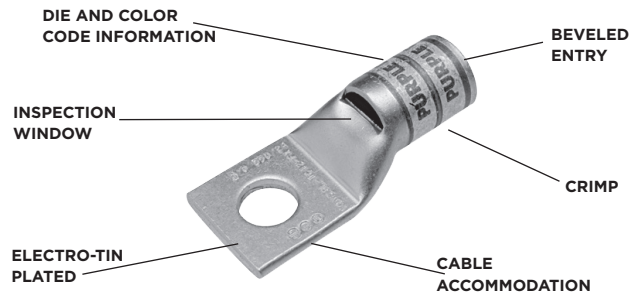
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

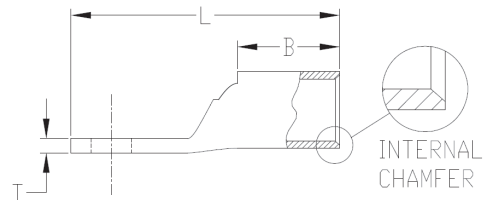
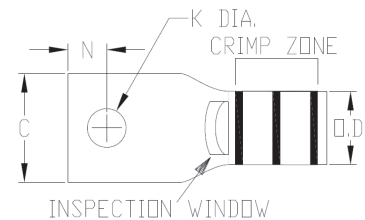
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Flex, 1-Hole, Standard Barrel, Inspection Window

TYPES YA-L, YA-L-FX, YAV, YAV-L-FX (Continued)

Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

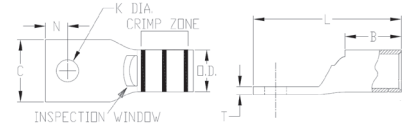
***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

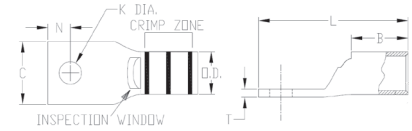
† The MM^m conductor sizes listed are the recommendations for Class 2 and Class 5 conductor



Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA8CLBOX	8 AWG 6 Sol 8 Sol	8 AWG G,H,I,K,M, DLO	† 10	#8-10	0.41	0.44	0.08	1.16	0.27	Red	49	Y122CMR YIMRTC MY29 Series MRC840 4PC Series Y8MRB1 81K Series	W8CVT W8CRT X8CRT	U8CRT	7/16
YA8CL1BOX				1/4	0.44	0.44	0.08	1.26	0.27						
YA8CL2BOX				5/16	0.52	0.44	0.06	1.38	0.27						
YA8CL3BOX				3/8	0.58	0.44	0.06	1.51	0.27						
YA8CL4BOX				1/2	0.71	0.44	0.05	1.76	0.27						
YAV6CLTC10FX	6 AWG	6 AWG G,H,I,K,M, DLO	† 16	#10	0.48	0.50	0.08	1.30	0.31	Blue	7	Y122CMR YIMRTC MY29 Series MRC840 Y8MRB1 81K Series	W5CVT W5CRT X5CRT	U5CRT	1/2
YAV6CLTC14FX				1/4	0.48	0.50	0.08	1.43	0.31						
YAV6CLTC516FX				5/16	0.52	0.50	0.07	1.49	0.31						
YAV6CLTC38FX				3/8	0.58	0.50	0.06	1.61	0.31						
YAV6CLTC12FX				1/2	0.75	0.50	0.12	1.86	0.31						
YAV6CLTC34FX				3/4	1.04	0.50	0.09	2.66	0.31						
YAV4CLTC10FX	4 AWG	4 AWG G,H,I,K,M, DLO	-	#10	0.55	0.50	0.09	1.32	0.38	Gray	8	Y122CMR (2) MY29 Series 4PC Series 81K Series YIMRTC (2) 644 Series 444 Series	W4CVT W4CRT X4CRT	U4CRT	1/2
YAV4CLTC14FX				1/4	0.55	0.50	0.09	1.44	0.38						
YAV4CLTC516FX				5/16	0.55	0.50	0.09	1.51	0.38						
YAV4CLTC38FX				3/8	0.58	0.50	0.08	1.67	0.38						
YAV4CLTC12FX				1/2	0.71	0.50	0.07	1.92	0.38						
YAV2CLTC10FX	2 AWG	2 AWG G,H,I,K,M, DLO	35	#10	0.68	0.63	0.10	1.50	0.46	Brown	10	YIMRTC (2) 644 Series 444 Series MY29 Series 81K Series 4PC Series	W2CVT W2CRT X2CRT	U2CRT	11/16
YAV2CLTC14FX				1/4	0.68	0.63	0.10	1.62	0.46						
YAV2CLTC516FX				5/16	0.68	0.63	0.10	1.69	0.46						
YAV2CLTC38FX				3/8	0.68	0.63	0.10	1.81	0.46						
YAV2CLTC12FX				1/2	0.73	0.63	0.09	2.12	0.46						
YAV1CLTC10FX	1 AWG	1 AWG G,H,I,K,M, DLO	-	#10	0.75	0.62	0.12	1.52	0.51	Green	11		W1CVT W1CRT1 X1CRT1	U1CRT1	11/16
YAV1CLTC14FX				1/4	0.75	0.62	0.12	1.65	0.51						
YAV1CLTC516FX				5/16	0.75	0.62	0.12	1.71	0.51						
YAV1CLTC38FX				3/8	0.75	0.62	0.12	1.84	0.51						
YAV1CLTC12FX				1/2	0.75	0.62	0.12	2.09	0.51						
YAV25LTC14FX	1/0 AWG	1/0 AWG G,H,I,K,M, DLO	50	1/4	0.83	0.69	0.12	1.75	0.56	Pink	12	YIMRTC (2)**** 644 Series 444 Series MY29 Series 81K Series 4PC Series	W25VT (2)‡ W25RT (2)‡ X25RT (2)	U25RT	11/16
YAV25LTC516FX				5/16	0.83	0.69	0.12	1.81	0.56						
YAV25LTC38FX				3/8	0.83	0.69	0.12	1.94	0.56						
YAV25LTC12FX				1/2	0.83	0.69	0.12	2.19	0.56						
YAV26LTC10FX	2/0 AWG	2/0 AWG G,H,I,K,M, DLO	70	#10	0.93	0.81	0.13	1.80	0.63	Black	13		W26VT (2)‡ W26RT (2)‡ X26RT (2)	U26RT	13/16
YAV26LTC14FX				1/4	0.93	0.81	0.13	1.92	0.63						
YAV26LTC516FX				5/16	0.93	0.81	0.13	1.98	0.63						
YAV26LTC38FX				3/8	0.93	0.81	0.13	2.11	0.63						
YAV26LTC12FX				1/2	0.93	0.81	0.13	2.36	0.63						
YAV26LTC58FX				5/8	0.93	0.81	0.13	2.61	0.63						
YAV26LTC34FX				3/4	1.10	0.81	0.11	2.89	0.63						

Copper, Flex, 1-Hole, Standard Barrel, Inspection Window

TYPES YA-L, YA-L-FX, YAV, YAV-L-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPI adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

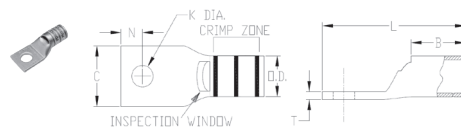
● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAV27LTC10FX	3/0 AWG	3/0 AWG G,H,I,K,M, DLO	95	#10	1.03	1.00	0.14	2.03	0.70	Orange	14		W27VT (2)‡ W27RT (2)‡ X27RT (3)	U27RT	1
YAV27LTC14FX				1/4	1.03	1.00	0.14	2.15	0.70						
YAV27LTC516FX				5/16	1.03	1.00	0.14	2.21	0.70						
YAV27LTC38FX				3/8	1.03	1.00	0.14	2.34	0.70						
YAV27LTC12FX				1/2	1.03	1.00	0.14	2.59	0.70						
YAV28LTC14FX	4/0 AWG	4/0 AWG G,H,I,K,M, DLO	† 120	1/4	1.14	1.03	0.15	2.23	0.77	Purple	15	644 Series 444 Series MY29 Series 81K Series 4PC Series	W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/16
YAV28LTC516FX				5/16	1.14	1.03	0.15	2.29	0.77						
YAV28LTC38FX				3/8	1.14	1.03	0.15	2.42	0.77						
YAV28LTC12FX				1/2	1.14	1.03	0.15	2.67	0.77						
YAV28LTC58FX				5/8	1.14	1.03	0.15	2.92	0.77						
YAV28LTC34FX	3/4	1.14	1.03	0.15	3.11	0.77									
YAV29LTC14FX	250 kcmil	4/0 AWG G,H,I,K,M, DLO	-	1/4	1.18	1.03	0.16	2.23	0.80	Yellow	16		W29VT‡ (2) W29RT (2)‡ X29RT (4)	U29RT	1-1/16
YAV29LTC516FX				5/16	1.18	1.03	0.16	2.30	0.80						
YAV29LTC38FX				3/8	1.18	1.03	0.16	2.42	0.80						
YAV29LTC12FX				1/2	1.18	1.03	0.16	2.67	0.80						
YAV29LTC58FX				5/8	1.18	1.03	0.16	2.92	0.80						
YAV29LTC34FX	3/4	1.18	1.03	0.16	3.11	0.80									
YA30LTC516FX	-	250 kcmil G,H	-	5/16	1.20	1.03	0.16	2.31	0.81	Yellow	16		W29VT (2)‡ W29RT (2)‡ X29RT (4)	U29RT	1-1/8
YA30LTC38FX				3/8	1.20	1.03	0.16	2.44	0.81						
YA30LTC12FX				1/2	1.20	1.03	0.16	2.69	0.81						
YA30LTC58FX				5/8	1.20	1.03	0.16	2.94	0.81						
YA30LTC34FX				3/4	1.20	1.03	0.16	3.12	0.81						
YA31LTC14FX	-	250 kcmil I,K,M, 262 DLO	150	1/4	1.29	1.06	0.18	2.31	0.88	White	17 or 298	644 Series 444 Series 81K Series 4PC Series	W30VT (2)‡ W30RT (2)‡	U30RT (2)	1-1/8
YA31LTC516FX				5/16	1.29	1.06	0.18	2.37	0.88						
YA31LTC38FX				3/8	1.29	1.06	0.18	2.50	0.88						
YA31LTC12FX				1/2	1.29	1.06	0.18	2.75	0.88						
YA31LNT12FX				1/2	0.96	1.06	0.18	2.75	0.88						
YA31LTC58FX	5/8	1.29	1.06	0.18	3.00	0.88									
YA31LTC34FX	3/4	1.29	1.06	0.18	3.19	0.88									
YA32LTC38FX	-	300 kcmil G,H,I,K,M, 313 DLO	185	3/8	1.40	1.19	0.19	2.68	0.95	Red	18 or 324		W31VT (2)‡ W31RT (2)‡	U31RT (2)	1-1/4
YA32LTC12FX				1/2	1.40	1.19	0.19	2.93	0.95						
YA32LTC58FX				5/8	1.40	1.19	0.19	3.18	0.95						
YA32LTC100FX				1	1.74	1.19	0.27	3.87	0.95						

Copper, Flex, 1-Hole, Standard Barrel, Inspection Window

TYPES YA-L, YA-L-FX, YAV, YAV-L-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY; No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM^m conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ²		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA34LTC516FX	-	350 kcmil G,H,I,K,M, 373 DLO	240	5/16	1.55	1.27	0.23	2.74	1.06	Blue	19 or 470	644 Series 444 Series 81K Series 4PC Series	W32VT (2)‡ W32RT (2)‡	U32RT (2)	1-5/16
YA34LTC38FX				3/8	1.55	1.27	0.23	2.87	1.06						
YA34LTC12FX				1/2	1.55	1.27	0.23	3.12	1.06						
YA34LTC58FX				5/8	1.55	1.27	0.23	3.37	1.06						
YA36LTC12FX	-	500 kcmil G,H 444 DLO	-	1/2	1.74	1.38	0.27	3.29	1.19	Brown	20 or 299	644 Series 444 Series 81K Series 4PC Series	-	U34RT (2)	1-3/8
YA36LTC58FX				5/8	1.74	1.38	0.27	3.54	1.19						
YA38LTC516FX	-	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	5/16	1.84	1.45	0.27	3.03	1.25	Pink	L99	644 Series 444 Series 81K Series 4PC Series	-	U38XRT (2)	1-7/16
YA38LTC38FX				3/8	1.84	1.45	0.27	3.34	1.25						
YA38LTC12FX				1/2	1.84	1.45	0.27	3.41	1.25						
YA38LTC58FX				5/8	1.84	1.45	0.27	3.66	1.25						
YA40LTC516FX	-	650 kcmil G, 646 DLO	400	5/16	1.98	1.42	0.30	3.05	1.35	Black	24	644 Series 444 Series 81K Series (2) 4PC Series (2)	-	U39RT (2)	1-5/16
YA40LTC38FX				3/8	1.98	1.42	0.30	3.38	1.35						
YA40LTC12FX				1/2	1.98	1.42	0.30	3.43	1.35						
YA40LTC58FX				5/8	1.98	1.42	0.30	3.68	1.35						
YA44LTC12FX	-	750 kcmil G,H,I 777 DLO	500	1/2	2.19	1.65	0.33	3.79	1.50	Yellow	L115	-	U44XRT (2) P44XRT (2)•	1-5/8	
YA44LTC58FX				5/8	2.19	1.65	0.33	4.04	1.50						

Copper, Flex, 1-Hole, Narrow, Standard Barrel, Inspection Window

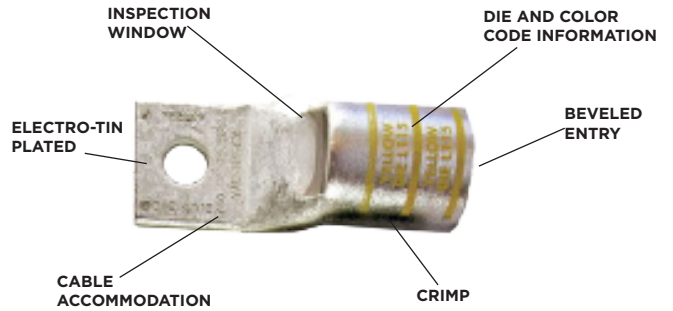
TYPE YAV-L-NTFX HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

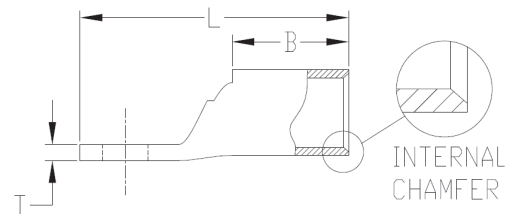
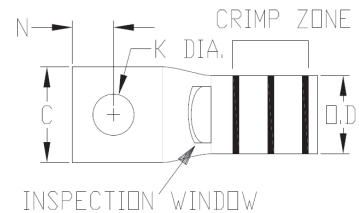
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Narrow tongue/tang is designed to allow for parallel terminations of wire in limited space applications
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

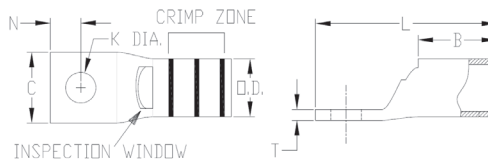


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 1-Hole, Narrow, Standard Barrel, Inspection Window

TYPE YAV-L-NTFX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

† The MM² conductor sizes listed are the recommendations for Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² †		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAV4CLNT10FX	4 AWG	4 AWG G,H,I,K,M, DLO	—	8	0.41	0.50	0.09	1.32	0.38	Gray	8	Y122CMR (2) MY29 Series YIMRTC (2)	W4CRT W4CVT X4CRT	U4CRT	1/2
YAV2CLNT14FX	2 AWG	2 AWG G,H,I,K,M, DLO	35	10	0.46	0.63	0.10	1.71	0.46	Brown	10	81K Series 644 Series 444 Series	W2CVT W2CRT X2CRT	U2CRT	11/16
YAV2CLNT516FX					0.44	0.63	0.10	1.78	0.46						
YAV25LNT14FX	1/0 AWG	1/0 AWG G,H,I,K,M, DLO	50	12	0.67	0.69	0.12	1.75	0.56	Pink	12	MY29 Series 644 Series 444 Series 81K Series	W25VT (2)‡ W25RT (2)‡ X25RT (2)	U25RT	11/16
YAV25LNT516FX					0.67	0.69	0.12	1.81	0.56						
YAV25LNT38FX					0.76	0.69	0.13	1.94	0.56						
YAV26LNT516FX	2/0 AWG	2/0 AWG G,H,I,K,M, DLO	70	13	0.90	0.81	0.13	1.98	0.63	Black	13	MY29 Series 644 Series 444 Series 81K Series	W26VT (2)‡ W26RT (2)‡ X26RT (2)	U126RT	13/16
YAV26LNT38FX					0.90	0.81	0.13	2.11	0.63						
YAV26LNT12FX					0.87	0.81	0.13	2.36	0.63						
YAV27LNT12FX	3/0 AWG	3/0 AWG G,H,I,K,M, DLO	95	14	0.76	1.00	0.14	2.59	0.70	Orange	14	MY29 Series 644 Series 444 Series 81K Series 4PC Series	W27VT (2)‡ W27RT (2)‡ X27RT (3)	U27RT	1-1/16
YAV28LNT516FX	4/0 AWG	4/0 AWG G,H,I,K,M, DLO	‡ 120	15	0.94	1.03	0.15	2.29	0.77	Purple	15	MY29 Series 644 Series 444 Series 81K Series	W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/16
YAV28LNT38FX					0.94	1.03	0.15	2.42	0.77						
YAV28LNT12FX					0.76	1.03	0.15	2.67	0.77						
YA30LNT516FX	—	250 kcmil G,H	—	16	0.96	1.03	0.15	2.48	0.81	Yellow	16	644 Series 444 Series 81K Series (2)	W29RT (2)‡ W29VT (2)‡ X29RT (4)	U29RT (2)	1-1/8
YA31LNT12FX	—	250 kcmil I,K,M, 262 DLO	150	17 or 298	0.96	1.06	0.18	2.75	0.88	White	17 or 298	644 Series 444 Series 81K Series 4PC Series	W30VT (2)‡ W30RT (2)‡	U30RT (2)	1-1/8
YA32LNT516FX	—	300 kcmil G,H,I,K,M, 313 DLO	185	18	0.96	1.19	0.19	2.65	0.95	Red	18	644 Series 444 Series 81K Series	W31VT (2)‡ W31RT (2)‡	U31RT (2)	1-1/4
YA32LNT38FX					0.96	1.19	0.19	2.68	0.95						
YA34LNT38FX	—	350 kcmil G,H,I,K,M 373 DLO	240	19 or 470	0.96	1.27	0.23	2.87	1.06	Blue	19 or 470	644 Series 444 Series 81K Series	W32VT (2)‡ W32RT (2)‡	U32RT (2)	1-5/16
YA34LNT12FX					0.96	1.27	0.23	3.12	1.06						
YA38LNT12FX	—	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	L99	1.63	1.45	0.27	3.41	1.25	Pink	L99	644 Series 444 Series 81K Series (2)	—	U38XRT (2)	1-7/16
YA38LNTM20FX					1.63	1.45	0.27	3.84	1.25						
YA40LENT12FX	—	650 kcmil G 646 DLO	—	24	1.35	1.42	0.30	3.43	1.35	Black	24	644 Series 444 Series 81K Series (2) 4PC Series (3)	—	U39RT (2)	1-5/16
YA44LNT38FX	—	750 kcmil G,H, 777 DLO	500	L115	1.50	1.65	0.33	3.79	1.50	Yellow	L115	644 Series 444 Series 81K Series (2)	—	U44XRT (2) P44XRT (4)•	1-5/8
YA44LNT12FX					1.62	1.65	0.33	3.98	1.50						

Copper, Flex, 1-Hole, Standard Barrel, No Inspection Window

TYPE YAG-L-TC HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

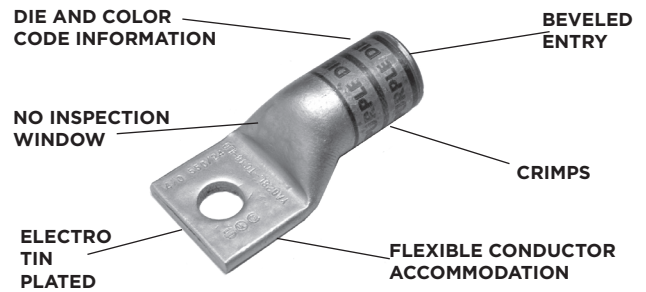
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

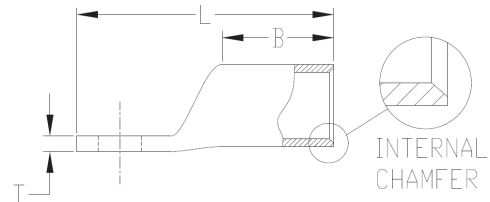
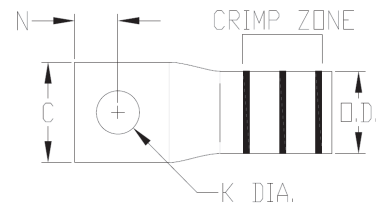
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

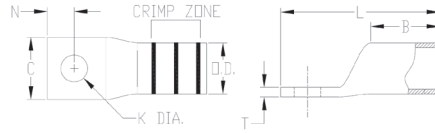


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Flex, 1-Hole, Standard Barrel, No Inspection Window

TYPE YAG-L-TC (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

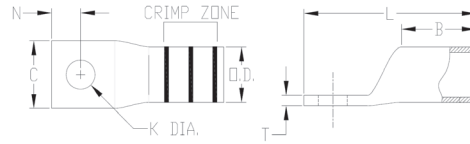
● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAG8CLTC14FX	8 AWG	8 AWG	† 10	1/4	0.44	0.44	0.08	1.32	0.27	Red	49	MY29 Series	W8CVT W8CRT X8CRT	U8CRT	1/2
YAG8CLTC516FX	6 Sol	G,H,I,K,M DLO		5/16	0.52	0.44	0.06	1.38	0.27						
YAG8CLTC12FX	8 Sol			1/2	0.71	0.44	0.05	1.76	0.27						
YAG6CLTC14FX	6 AWG	6 AWG G,H,I,K,M, DLO	† 16	1/4	0.48	0.50	0.08	1.43	0.31	Blue	7	YIMRTC Y122CMR 81K Series	W5CVT W5CRT X5CRT	U5CRT	1/2
YAG6CLTC516FX				5/16	0.52	0.50	0.07	1.49	0.31						
YAG6CLTC38FX				3/8	0.58	0.50	0.06	1.61	0.31						
YAG6CLTC12FX				1/2	0.75	0.50	0.12	1.86	0.31						
YAG4CLTC14FX	4 AWG	4 AWG G,H,I,K,M, DLO	-	1/4	0.55	0.50	0.09	1.48	0.38	Gray	8	Y122CMR (2) MY29 Series YIMRTC (2) 81K Series 644 Series 444 Series	W4CVT W4CRT X4CRT	U4CRT	1/2
YAG4CLTC516FX				5/16	0.55	0.50	0.09	1.55	0.38						
YAG4CLTC38FX				3/8	0.58	0.50	0.08	1.67	0.38						
YAG4CLTC12FX				1/2	0.71	0.50	0.07	1.92	0.38						
YAG2CLTC14FX	2 AWG	2 AWG G,H,I,K,M, DLO	35	1/4	0.68	0.63	0.10	1.64	0.46	Brown	10	Y122CMR (2) MY29 Series YIMRTC (2) 81K Series 644 Series 444 Series	W2CVT W2CRT X2CRT	U2CRT	11/16
YAG2CLTC516FX				5/16	0.68	0.63	0.10	1.70	0.46						
YAG2CLTC38FX				3/8	0.68	0.63	0.10	1.83	0.46						
YAG2CLTC12FX				1/2	0.73	0.63	0.09	2.12	0.46						
YAG1CLTC14FX	1 AWG	1 AWG G,H,I,K,M, DLO	-	1/4	0.75	0.62	0.12	1.67	0.51	Green	11		W1CVT W1CRT1 X1CRT1	U1CRT1	11/16
YAG1CLTC516FX				5/16	0.75	0.62	0.12	1.73	0.51						
YAG1CLTC38FX				3/8	0.75	0.62	0.12	1.86	0.51						
YAG1CLTC12FX				1/2	0.75	0.62	0.12	2.11	0.51						
YAG25LTC14FX	1/0 AWG	1/0 AWG G,H,I,K,M, DLO	50	1/4	0.83	0.69	0.12	1.77	0.56	Pink	12		W25VT (2)‡ W25RT (2)‡ X25RT (2)	U25RT	11/16
YAG25LTC516FX				5/16	0.83	0.69	0.12	1.84	0.56						
YAG25LTC38FX				3/8	0.83	0.69	0.12	1.96	0.56						
YAG25LTC12FX				1/2	0.83	0.69	0.12	2.21	0.56						
YAG26LTC14FX	2/0 AWG	2/0 AWG G,H,I,K,M, DLO	70	1/4	0.93	0.81	0.13	1.95	0.63	Black	13	YIMRTC (2)**** MY29 Series 644 Series 444 Series 81K Series	W26VT (2)‡ W26RT (2)‡ X26RT (2)	U26RT	13/16
YAG26LTC516FX				5/16	0.93	0.81	0.13	2.01	0.63						
YAG26LTC38FX				3/8	0.93	0.81	0.13	2.13	0.63						
YAG26LTC12FX				1/2	0.93	0.81	0.13	2.38	0.63						
YAG27LTC14FX	3/0 AWG	3/0 AWG G,H,I,K,M, DLO	95	1/4	1.03	1.00	0.14	2.18	0.70	Orange	14		W27VT (2)‡ W27RT (2)‡ X27RT (3)	U27RT	1
YAG27LTC516FX				5/16	1.03	1.00	0.14	2.24	0.70						
YAG27LTC38FX				3/8	1.03	1.00	0.14	2.37	0.70						
YAG27LTC12FX				1/2	1.03	1.00	0.14	2.62	0.70						
YAG28LTC14FX	4/0 AWG	4/0 AWG G,H,I,K,M, DLO	† 120	1/4	1.14	1.03	0.15	2.26	0.77	Purple	15		W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/16
YAG28LTC516FX				5/16	1.14	1.03	0.15	2.32	0.77						
YAG28LTC38FX				3/8	1.14	1.03	0.15	2.45	0.77						
YAG28LTC12FX				1/2	1.14	1.03	0.15	2.70	0.77						

Copper, Flex, 1-Hole, Standard Barrel, No Inspection Window

TYPE YAG-L-TC (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPI adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

† Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAG29LTC38FX	250 kcmil	4/0 AWG G,H,I,K,M, DLO	-	3/8	1.18	1.03	0.16	2.45	0.80	Yellow	16	644 Series 444 Series 81K Series	W29VT (2) ‡	U29RT	1-1/16
YAG29LTC12FX				1/2	1.18	1.03	0.16	2.70	0.80				W29RT (2) ‡		
YAG29LTC58FX				5/8	1.18	1.03	0.16	2.95	0.80				X29RT (4)		
YAG30LTC38FX	-	250 kcmil G,H	-	3/8	1.20	1.03	0.16	2.47	0.81	Yellow	16	644 Series 444 Series 81K Series	W29VT (2) ‡	U29RT	1-1/16
YAG30LTC12FX				1/2	1.20	1.03	0.16	2.72	0.81				W29RT (2) ‡		
YAG30LTC58FX				5/8	1.20	1.03	0.16	2.97	0.81				X29RT (4)		
YAG31LTC14FX	-	250 kcmil I,K,M, 262 DLO	150	1/4	1.29	1.06	0.18	2.35	0.88	White	17	644 Series 444 Series 81K Series	W30VT (2) ‡	U30RT (2)	1-1/8
YAG31LTC516FX				5/16	1.29	1.06	0.18	2.41	0.88				W30RT (2) ‡		
YAG31LTC38FX				3/8	1.29	1.06	0.18	2.53	0.88				W30RT (2) ‡		
YAG31LTC12FX				1/2	1.29	1.06	0.18	2.78	0.88				W30RT (2) ‡		
YAG31LTC58FX				5/8	1.29	1.06	0.18	3.03	0.88				W30RT (2) ‡		
YAG32LTC12FX	-	300 kcmil G,H,I,K,M, 313 DLO	185	1/2	1.40	1.19	0.19	2.97	0.95	Red	18	644 Series 444 Series 81K Series	W31VT (2) ‡	U31RT (2)	1-1/4
YAG32LTC58FX				5/8	1.40	1.19	0.19	3.22	0.95				W31RT (2) ‡		
YAG34LTC516FX	-	350 kcmil G,H,I,K,M, 373 DLO	240	5/16	1.55	1.27	0.23	2.78	1.06	Blue	19	644 Series 444 Series 81K Series	W32VT (2) ‡	U32RT (2)	1-5/16
YAG34LTC38FX				3/8	1.55	1.27	0.23	2.91	1.06				W32RT (2) ‡		
YAG34LTC12FX				1/2	1.55	1.27	0.23	3.16	1.06				W32RT (2) ‡		
YAG34LTC58FX				5/8	1.55	1.27	0.23	3.41	1.06				W32RT (2) ‡		
YAG36LTC38FX	-	500 kcmil G,H 444 DLO	-	3/8	1.73	1.38	0.27	3.27	1.19	Brown	20	644 Series 444 Series 81K Series	-	U34RT (2)	1-3/8
YAG38LTC516FX	-	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	5/16	1.84	1.45	0.27	3.08	1.25	Pink	L99	644 Series 444 Series 81K Series	W38VT (2) ‡	U38XRT (2)	1-7/16
YAG38LTC38FX				3/8	1.84	1.45	0.27	3.39	1.25				W38RT (2) ‡		
YAG38LTC12FX				1/2	1.84	1.45	0.27	3.46	1.25				W38RT (2) ‡		
YAG40LTC516FX	-	650 kcmil G, 646 DLO	400	5/16	1.96	1.42	0.30	3.11	1.35	Black	24	644 Series 444 Series 81K Series (2)	W40VT (2) ‡	U39RT (2)	1-5/16
YAG40LTC38FX				3/8	1.96	1.42	0.30	3.42	1.35				W40RT (2) ‡		
YAG40LTC12FX				1/2	1.96	1.42	0.30	3.48	1.35				W40RT (2) ‡		
YAG44LTC12FX	-	750 kcmil G,H, 777 DLO	500	1/2	2.18	1.65	0.33	3.85	1.50	Yellow	L115	644 Series 444 Series 81K Series (2)	-	U44XRT (2) P44XRT (2) ●	1-5/8

Copper, Flex, 1-Hole, Standard Barrel, Belled, Inspection Window

TYPE YA-LB HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

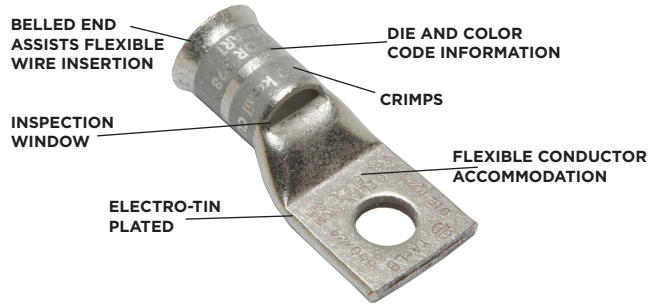
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

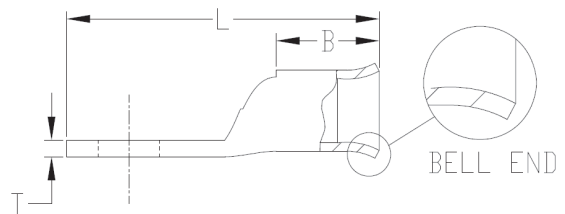
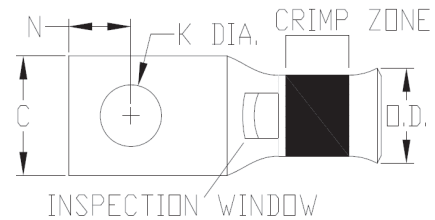
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with a “belled” end opening at the wire entry, to ensure smooth insertion of highly flexible stranded wire, preventing possible damaging of the wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

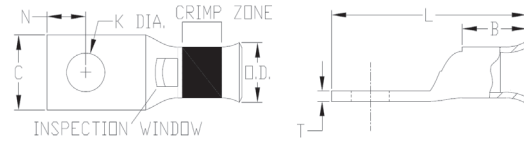


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Flex, 1-Hole, Standard Barrel, Belled, Inspection Window

TYPE YA-LB (Continued)



Notes: All dimensions shown are for reference only.

* 644 and 444 Series Tools for use on CODE WIRE ONLY.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Catalog Number	Conductor		Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)		Wire Strip Length (IN)
	Code	Flex		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Die Index	Dieless	
YA8CLB	8 AWG 6 Sol 8 Sol	8 AWG G,H,I,K,M DLO	#10	0.41	0.41	0.08	1.12	0.27	49 Code 1013 Flex	81K Series	7/16
YA5CLB	5 AWG	6 AWG G,H,I,K,M DLO	1/4	0.44	0.44	0.07	1.73	0.30	7 Code 1014 Flex		7/8
YA4CLB	4 AWG	5 AWG G,H,I,K,M DLO	1/4	0.50	0.50	0.09	1.73	0.34	8 Code 1015 Flex		7/8
YA3CLB	3 AWG	4 AWG G,H,I,K,M DLO	5/16	0.55	0.55	0.09	1.94	0.38	9 Code 1016 Flex		15/16
YA2CLB	2 AWG	3 AWG G,H,I,K,M DLO	5/16	0.61	0.61	0.11	1.97	0.42	10 Code 1017 Flex		15/16
YA1CLB	1 AWG	2 AWG G,H,I,K,M DLO	5/16	0.68	0.68	0.10	2.02	0.46	11 Code 1018 Flex		15/16
YA25LB	1/0 AWG	1 AWG G,H,I,K,M DLO	5/16	0.75	0.75	0.12	2.26	0.51	12 Code 1019 Flex	644 Series 444 Series 81K Series	15/16
YA26LB	2/0 AWG	1/0 AWG G,H,I,K,M DLO	3/8	0.83	0.83	0.12	2.61	0.56	13 Code 1020 Flex		1
YA27LB	3/0 AWG	2/0 AWG G,H,I,K,M DLO	1/2	0.91	0.91	0.12	2.67	0.62	14 Code 1021 Flex		1-1/16
YA28LB	4/0 AWG	3/0 AWG G,H,I,K,M DLO	1/2	1.02	1.02	0.14	2.77	0.69	15 Code 1022 Flex		1-1/16
YA29LB	250 kcmil	4/0 AWG G,H	1/2	1.11	1.11	0.16	2.82	0.75	16 Code 1023 Flex		1-1/16
YA30LB	300 kcmil	250 kcmil G,H 4/0 AWG I,K,M DLO	1/2	1.20	1.20	0.16	2.93	0.81	17 Code 1024 Flex		1-1/8
YA31LB	350 kcmil	250 kcmil I,K,M 262 DLO	1/2	1.29	1.29	0.18	3.31	0.88	18 Code 1025 Flex		1-3/16
YA32LB	400 kcmil	300 kcmil G,H,I,K,M 313 DLO	5/8	1.40	1.40	0.19	3.56	0.95	19 Code 1026 Flex		1-1/4
YA34LB	500 kcmil	350 kcmil G,H,I,K,M 373 DLO 400 kcmil G,H,I	5/8	1.52	1.52	0.23	3.83	1.06	20 Code 1027 Flex		1-7/16
YA36LB	600 kcmil	450 kcmil I,K,M 444 DLO 500 kcmil G&H	5/8	1.69	1.69	0.25	4.31	1.18	22 Code 1028 Flex		1-3/4
YA38LB	700 kcmil	500 kcmil I,K,M 535 DLO 550 kcmil G,H,I	5/8	1.81	1.81	0.27	4.27	1.25	23 Code 1029 Flex	1-15/16	
YA39LB	750 kcmil	600 kcmil G 550 kcmil M	5/8	1.89	1.89	0.27	4.27	1.30	24 Code 1030 Flex	644 Series 444 Series 81K Series (2)	1-15/16
YA40LB	800 kcmil	600 kcmil H,I,K,M	5/8	1.95	1.95	0.30	4.27	1.35	25 Code 1031 Flex		1-15/16
YA44LB	1000 kcmil	650 kcmil I 750 kcmil G,H 777 DLO	5/8	2.18	2.17	0.32	4.50	1.49	27 Code 1032 Flex		1-15/16

Copper, Flex, 1-Hole, Long Barrel, Inspection Window

TYPES YAZ, YAZV HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

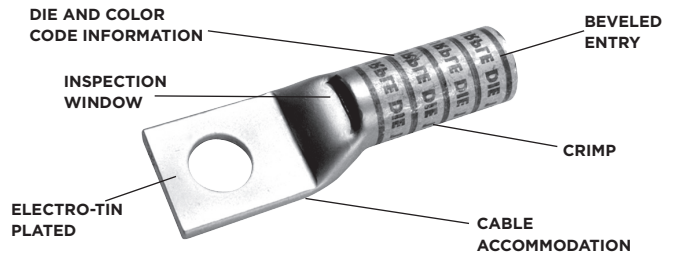
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

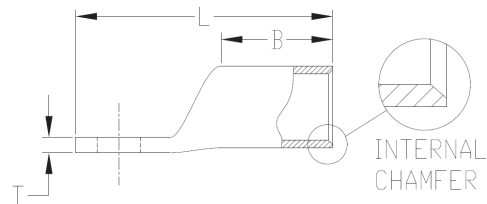
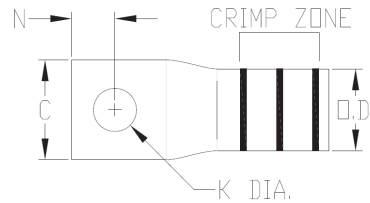
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

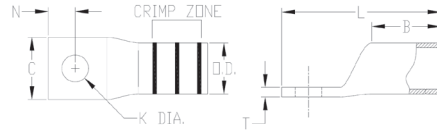


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Flex, 1-Hole, Long Barrel, Inspection Window

TYPES YAZ, YAZV (Continued)



Notes: All dimensions shown are for reference only.

- * Use PUADPT adapter with U dies in 46 Series Crimp Tools
- ** P-RT die sets are for use in 46 Series ONLY, No adapter required
- ***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY
- ****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡ Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

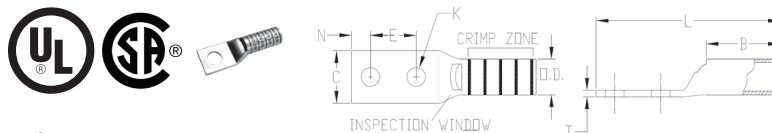
● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAZ8CTC10	8 AWG	8 AWG	† 10	#10	.41	0.75	0.08	1.43	0.27	Red	49	Y122CMR (2) YIMRTC (2) MY29 Series (2) MRC840 (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	13/16
YAZ8CTC14	6 Sol	G,H,I,K,M DLO		1/4	.44	0.75	0.08	1.56	0.27						
YAZ8CTC38	8 Sol			3/8	.58	0.75	0.06	1.75	0.27						
YAZV6CTC14FX	6 AWG	6 AWG G,H,I,K,M, DLO	† 16	1/4	.48	0.75	0.08	1.59	0.31	Blue	7 or 374	MRC840 (2) 81K Series	W5CRT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	13/16
YAZV6CTC38FX				3/8	.58	0.75	0.06	1.77	0.31						
YAZV4CTC14FX	4 AWG	4 AWG G,H,I,K,M, DLO	-	1/4	.55	1.25	0.09	2.19	0.38	Gray	8 or 346	Y122CMR (4) YIMRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	1-5/16
YAZV4CTC38FX				3/8	.58	1.25	0.08	2.42	0.38						
YAZV2CTC14FX	2 AWG	2 AWG G,H,I,K,M, DLO	35	1/4	.68	1.38	0.10	2.37	0.46	Brown	10	MY29 Series (2) 644 Series 444 Series 81K Series	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-7/16
YAZV2CTC38FX				3/8	.68	1.38	0.10	2.56	0.46						
YAZV2CTC12FX				1/2	.83	1.38	0.09	2.87	0.46						
YAZV1CTC14FX	1 AWG	#1 AWG G,H,I,K,M, DLO	-	1/4	.75	1.38	0.12	2.40	0.51	Green	11 or 375	MY29 Series (2) MRC840 (2) 644 Series 444 Series 81K Series	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2)	1-7/16
YAZV1CTC516FX				5/16	.75	1.38	0.12	2.46	0.51						
YAZV1CTC38FX				3/8	.75	1.38	0.12	2.59	0.51						
YAZV25TC14FX	1/0 AWG	1/0 AWG G,H,I,K,M, DLO	50	1/4	.83	1.50	0.12	2.56	0.56	Pink	12 or 348	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W25VT (4)‡ W25RT (2)‡ X25RT (4)	U25RT (2)	1-9/16
YAZV25TC38FX				3/8	.83	1.50	0.12	2.75	0.56						
YAZV25TC12FX				1/2	.83	1.50	0.12	3.00	0.56						
YAZV26TC14FX	2/0 AWG	2/0 AWG G,H,I,K,M, DLO	70	1/4	.93	1.50	0.13	2.61	0.63	Black	13	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W26VT (4)‡ W26RT (4)‡ X26RT (4)	U26RT (2)	1-9/16
YAZV26TC38FX				3/8	.93	1.50	0.13	2.80	0.63						
YAZV26TC12FX				1/2	.93	1.50	0.13	3.05	0.63						
YAZV27TC38FX	3/0 AWG	3/0 AWG G,H,I,K,M DLO	95	3/8	1.03	1.50	0.14	2.84	0.70	Orange	14		W27VT (4)‡ W27RT (4)‡ X27RT (4)	U27RT (2)	1-9/16
YAZV28NT38FX	4/0 AWG	4/0 AWG G,H,I,K,M, DLO	† 120	3/8	.94	1.62	0.14	3.01	0.77	Purple	15	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W28VT (4)‡ W28RT (4)‡ X28RT (4)	U28RT (2)	1-11/16
YAZV28TC38FX				3/8	1.14	1.62	0.14	3.01	0.77						
YAZV28TC12FX				1/2	1.14	1.62	0.14	3.26	0.77						
YAZV29NT516FX	250 kcmil	4/0 AWG G,H,I,K,M, DLO	-	5/16	.96	2.00	0.16	3.27	0.80	Yellow	16		W29VT (4)‡ W29RT (4)‡ X29RT (8)	U29RT (2)	2-1/16
YAZ30TC38FX	-	250 kcmil G,H	-	3/8	1.20	2.00	0.16	3.41	0.81	Yellow	16	644 Series 444 Series 81K Series (2)	W29VT (4)‡ W29RT (4)‡ X29RT (8)	U29RT (2)	2-1/16
YAZ31TC38FX	-	250 kcmil I,K,M, 262 DLO	150	3/8	1.28	2.00	0.18	3.44	0.88	White	17 or 298		W30VT (4)‡ W30RT (4)‡	U30RT (4)	2-1/16

Copper, Flex, 1-Hole, Long Barrel, Inspection Window

TYPES YAZ, YAZV (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)				Wire Strip Length (IN)	
	Code	Flex	Metric MM ²		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series		35, 750, 46* Series
YAZ32TC38FX	—	300 kcmil G,H,I,K,M, 313 DLO	185	3/8	1.55	2.12	0.19	3.61	0.95	Red	18 or 324	644 Series 444 Series 81K Series (2)	W31VT (4)‡ W31RT (4)‡	U31RT (4)	2-3/16
YAZ34NT38FX	—	350 kcmil G,H,I,K,M, 373 DLO	240	3/8	.96	2.25	0.23	3.84	1.06	Blue	19		W32VT (4)‡ W32RT (4)‡	U32RT (4)	2-5/16
YAZ34TC38FX				3/8	1.52	2.25	0.23	3.84	1.06				W32VT (4)‡ W32RT (4)‡	U32RT (4)	2-5/16
YAZ34TC12FX				1/2	1.52	2.25	0.23	4.09	1.06				—	U34RT (4)	2-3/4
YAZ36TC38FX	—	500 kcmil G,H 444 DLO	—	3/8	1.72	2.69	0.26	4.54	1.19	Brown	20 or 299	—	U34RT (4)	2-3/4	
YAZ38NT38FX	—	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	3/8	1.63	2.81	0.27	4.71	1.25	Pink	L99	—	U38XRT (4)	2-7/8	
YAZ38TC38FX				3/8	1.81	2.81	0.27	4.71	1.25						
YAZ38NT12FX				1/2	1.63	2.81	0.27	4.77	1.25						
YAZ38TC12FX				1/2	1.81	2.81	0.27	4.77	1.25						

Copper, Flex, 1-Hole, Long Barrel, Belled, No Inspection Window

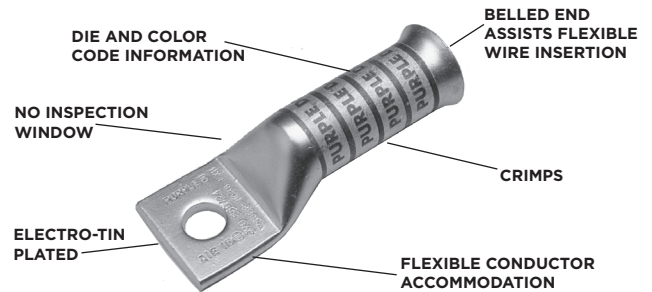
TYPES YA-TC-FXB, YAV-TC-FXB HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

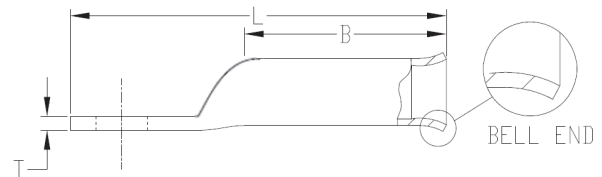
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with a “belled” end opening at the wire entry, to ensure smooth insertion of highly flexible stranded wire, preventing possible damaging of the wire strands during insertion
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

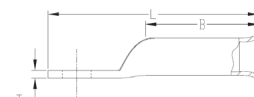
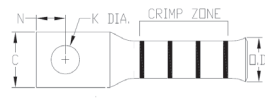


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 1-Hole, Long Barrel, Belled, No Inspection Window

TYPES YA-TC-FXB, YAV-TC-FXB (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY; No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

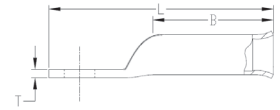
● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM^m conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA8CTC14FXB	8 AWG 6 Sol/ 8 Sol	8 AWG G,H,I,K,M DLO	† 10	1/4	0.44	0.90	0.08	1.78	0.27	Red	49	MRC840 (2) MY29 Series (2) Y122CMR (2) YIMRTC (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	1
YAV6CTC10FXB	6 AWG	6 AWG G,H,I,K,M, DLO	† 16	#8-10	0.48	1.22	0.08	2.00	0.31	Blue	7	MY29 Series (2) YIMRTC (2) Y122CMR (2) 644 Series 444 Series 81K Series	W5CRT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-5/16
YAV6CTC14FXB				1/4	0.48	1.22	0.08	2.12	0.31						
YA5CTC14FXB	5 AWG	5 AWG G,H,I,K,M, DLO	—	1/4	0.44	1.22	0.07	2.12	0.30	Blue	7				
YAV4CTC10FXB	4 AWG	4 AWG G,H,I,K,M, DLO	—	#8-10	0.55	1.22	0.09	2.05	0.38	Gray	8	MY29 Series (2) YIMRTC (4) Y122CMR (4) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	1-5/16
YAV4CTC14FXB				1/4	0.55	1.22	0.09	2.17	0.38						
YAV4CTC516FXB				5/16	0.55	1.22	0.09	2.24	0.38						
YAV2CTC10FXB	2 AWG	2 AWG G,H,I,K,M, DLO	35	#8-10	0.68	1.35	0.10	2.24	0.46	Brown	10	YIMRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-7/16
YAV2CTC516FXB				5/16	0.68	1.35	0.10	2.43	0.46						
YAV1CTC10FXB	1 AWG	1 AWG G,H,I,K,M, DLO	—	#8-10	0.75	1.50	0.12	2.41	0.51	Green	11	YIMRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W1CVT (2) W1CRT (2) X1CRT (2)	U1CRT (2)	1-9/16
YAV1CTC516FXB				5/16	0.75	1.50	0.12	2.60	0.51						
YAV25TC10FXB	1/0 AWG	1/0 AWG G,H,I,K,M, DLO	50	#8-10	0.83	1.50	0.12	2.45	0.56	Pink	12	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W25VT (4)‡ W25RT (4)‡ X25RT (4)	U25RT (2)	1-9/16
YAV25TC516FXB				5/16	0.83	1.50	0.12	2.64	0.56						
YAV25TC38FXB				3/8	0.83	1.50	0.12	2.77	0.56						
YAV25TC12FXB				1/2	0.83	1.50	0.12	3.20	0.56						
YAV26TC38FXB	2/0 AWG	2/0 AWG G,H,I,K,M, DLO	70	3/8	0.93	1.63	0.13	2.95	0.63	Black	13	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W26VT (4)‡ W26RT (4)‡ X26RT (4)	U26RT (2)	1-13/16
YAV26TC12FXB				1/2	0.93	1.63	0.13	3.39	0.63						
YAV27TC12FXB	3/0 AWG	3/0 AWG G,H,I,K,M, DLO	95	1/2	1.04	1.64	0.14	3.44	0.70	Orange	14		W27VT (4)‡ W27RT (4)‡ X27RT (4)	U27RT (2)	1-13/16
YAV28TC38FXB	4/0 AWG	4/0 AWG G,H,I,K,M, DLO	† 120	3/8	1.14	1.77	0.14	3.19	0.77	Purple	15	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W28VT (4)‡ W28RT (4)‡ X28RT (6)	U28RT (2)	1-7/8
YAV28TC12FXB				1/2	1.14	1.77	0.14	3.63	0.77						
YA30TC12FXB	—	250 kcmil G,H	—	1/2	1.20	4.04	0.16	4.04	0.81	Yellow	16		W29VT (4)‡ W29RT (4)‡ X29RT (8)	U29RT (2)	2-1/4
YA31TC12FXB	—	250 kcmil I,K,M, 262 DLO	150	1/2	1.29	2.18	0.18	4.09	0.88	White	17		W30VT (4)‡ W30RT (4)‡	U30RT (4)	2-1/4
YA32TC12FXB	—	300 kcmil G,H,I,K,M, 313 DLO	185	1/2	1.40	2.32	0.19	4.28	0.95	Red	18		W31VT (4)‡ W31RT (4)‡	U31RT (4)	2-1/4

Copper, Flex, 1-Hole, Long Barrel, Belled, No Inspection Window

TYPES YA-TC-FXB, YAV-TC-FXB (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

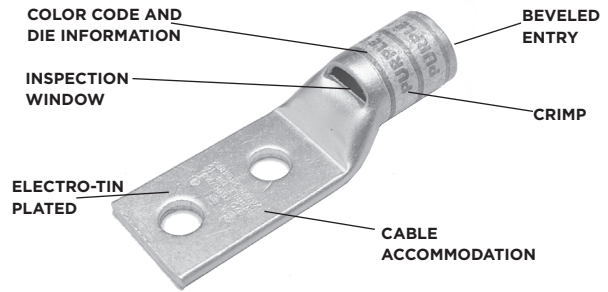
Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Diameter (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YA34TC12FXB	—	350 kcmil G,H,I,K,M, 373 DLO	240	1/2	1.55	2.48	2-9/16	4.54	1.06	Blue	19	644 Series 444 Series 81K Series (2)	W32VT (4)‡ W32RT (4)‡	U32RT (4)	2-9/16
YA36TC12FXB	—	500 kcmil G,H 444 DLO	—	1/2	1.73	2.95	3-1/16	5.09	1.18	Brown	20		—	U34RT (4)	3-1/16
YA36TC58FXB	—	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	5/8	1.73	2.95		3-1/16	5.15			1.18	Pink	L99	—
YA38TC12FXB	—	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	1/2	1.84	3.08	3-1/16		5.07	1.25	L99	L99			—
YA38TC58FXB	—	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	5/8	1.84	3.08		3-1/16	5.32	1.25			L99	L99	—
YA40TC58FXB	—	650 kcmil G 646 DLO	400	5/8	1.98	3.24	3-5/16		5.53	1.35	Black	24			644 Series 444 Series 81K Series (3)
YA44TC58FXB	—	750 kcmil G,H 777 DLO	500	5/8	2.18	3.33	3-7/16	5.71	1.49	Yellow	L115	—	U44XRT (4) P44XRT (2)‡	3-7/16	
YA46TC58FXB	—	1000 kcmil G, H 1111 DLO	—	5/8	2.69	3.58	3-11/16	6.19	1.84	Yellow	29	—	—	P45RT (4)‡	3-11/16

Copper, Flex, 2-Hole, Standard Barrel, Inspection Window

TYPES YA-L-2TC, YA-L-2TC-FX, YAV-L-2TC-FX HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

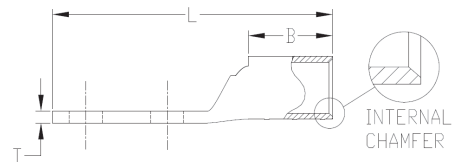
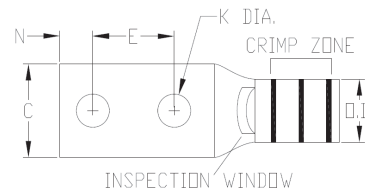
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175



Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

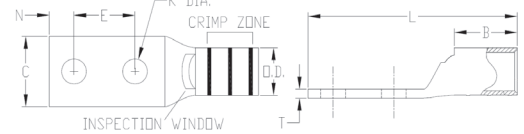


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 2-Hole, Standard Barrel, Inspection Window

TYPES YA-L-2TC, YA-L-2TC-FX, YAV-L-2TC-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPT adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡ Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

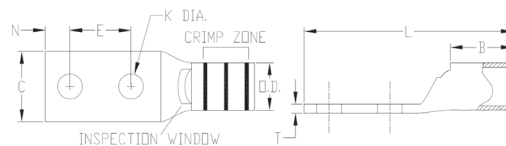
● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)	
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series		35, 750, 46* Series
YA8CL2TC10	8 AWG 6 Sol 8 Sol	8 AWG G,H,I,K,M DLO	† 10	#10	5/8	0.41	0.44	0.08	1.83	0.27	Red	49	Y122CMR MRC840 MY29 Series Y8MRB1 YIMRTC 81K Series	W8CVT W8CRT X8CRT	U8CRT	7/16
YA8CL2TC14				1/4	5/8	0.44	0.44	0.08	1.95	0.27						
YA8CL2TC14E2				1/4	3/4	0.44	0.44	0.08	2.08	0.27						
YA8CL2TC14E1				1/4	1	0.44	0.44	0.08	2.33	0.27						
YA8CL2TC38				3/8	1	0.58	0.44	0.06	2.52	0.27						
YAV6CL2TC10E9FX	6 AWG	6 AWG G,H,I,K,M, DLO	† 16	#10	1/2	0.48	0.50	0.08	1.81	0.31	Blue	7	Y122CMR MRC840 MY29 Series YIMRTC 81K Series	W5CVT W5CRT X5CRT	U5CRT	1/2
YAV6CL2TC10FX				#10	5/8	0.45	0.50	0.08	1.94	0.31						
YAV6CL2TC10E4FX				#10	11/16	0.45	0.50	0.08	2.00	0.31						
YAV6CL2TC10E2FX				#10	3/4	0.48	0.50	0.08	2.06	0.31						
YAV6CL2TC14FX				1/4	5/8	0.48	0.50	0.08	2.06	0.31						
YAV6CL2TC14E2FX				1/4	3/4	0.48	0.50	0.08	2.16	0.31						
YAV6CL2TC14E1FX				1/4	1	0.48	0.50	0.08	2.44	0.31						
YAV6CL2TC516FX				5/16	1	0.52	0.50	0.07	2.50	0.31						
YAV6CL2TC38FX				3/8	1	0.58	0.50	0.06	2.62	0.31						
YAV6CL2NTCFX				1/2	1-3/4	0.83	0.50	0.12	3.81	0.31						
YAV4CL2TC14FX				4 AWG	4 AWG G,H,I,K,M, DLO	-	1/4	5/8	0.55	0.50						
YAV4CL2TC14E2FX	1/4	3/4	0.55				0.50	0.09	2.20	0.38						
YAV4CL2TC14E1FX	1/4	1	0.55				0.50	0.09	2.45	0.38						
YAV4CL2TC516FX	5/16	1	0.55				0.50	0.09	2.52	0.38						
YAV4CL2TC38FX	3/8	1	0.58				0.50	0.08	2.68	0.38						
YAV4CL2NTCFX	1/2	1-3/4	0.83				0.50	0.12	3.87	0.38						
YAV2CL2TC14FX	2 AWG	2 AWG G,H,I,K,M, DLO	35	1/4	5/8	0.68	0.63	0.10	2.26	0.46	Brown	10	Y122CMR (2) MY29 Series YIMRTC (2) 81K Series 644 Series 444 Series	W2CVT W2CRT X2CRT	U2CRT	11/16
YAV2CL2TC14E2FX				1/4	3/4	0.68	0.63	0.10	2.38	0.46						
YAV2CL2TC14E1FX				1/4	1	0.68	0.63	0.10	2.63	0.46						
YAV2CL2TC516FX				5/16	1	0.68	0.63	0.10	2.71	0.46						
YAV2CL2TC38FX				3/8	1	0.68	0.63	0.10	2.82	0.46						
YAV2CL2NTCFX				1/2	1-3/4	0.83	0.63	0.08	4.07	0.46						
YAV1CL2TC14FX	1 AWG	1 AWG G,H,I,K,M, DLO	-	1/4	5/8	0.75	0.62	0.12	2.28	0.51	Green	11	YIMRTC (2)**** MY29 Series 81K Series 644 Series 444 Series	W1CVT W1CRTI X1CRTI	U1CRTI	11/16
YAV1CL2TC14E2FX				1/4	3/4	0.75	0.62	0.12	2.41	0.51						
YAV1CL2TC14E1FX				1/4	1	0.75	0.62	0.12	2.65	0.51						
YAV1CL2TC516FX				5/16	1	0.75	0.62	0.12	2.72	0.51						
YAV1CL2TC38FX				3/8	1	0.75	0.62	0.12	2.85	0.51						
YAV1CL2NTCFX				1/2	1-3/4	0.83	0.62	0.11	4.04	0.51						

Copper, Flex, 2-Hole, Standard Barrel, Inspection Window

TYPES YA-L-2TC, YA-L-2TC-FX, YAV-L-2TC-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAV25L2TC14FX	1/0 AWG	1/0 AWG G,H,I,K,M, DLO	50	1/4	5/8	0.83	0.69	0.12	2.39	0.56	Pink	12	MY29 Series 81K Series 644 Series 444 Series	W25VT (2)‡ W25RT (2)‡ X25RT (2)	U25RT	11/16
YAV25L2TC14E2FX				1/4	3/4	0.83	0.69	0.12	2.51	0.56						
YAV25L2TC516E2FX				5/16	3/4	0.83	0.69	0.12	2.57	0.56						
YAV25L2TC516FX				5/16	1.00	0.83	0.69	0.12	2.82	0.56						
YAV25L2TC38FX				3/8	1.00	0.83	0.69	0.12	2.95	0.56						
YAV25L2TC12E1FX				1/2	1.00	0.83	0.69	0.12	3.20	0.56						
YAV25L2NTCFX				1/2	1-3/4	0.83	0.69	0.12	4.14	0.56						
YAV26L2TC14FX	2/0 AWG	2/0 AWG G,H,I,K,M, DLO	70	1/4	5/8	0.93	0.81	0.13	2.56	0.63	Black	13	W26VT (2)‡ W26RT (2)‡ X26RT (2)	U26RT	13/16	
YAV26L2TC14E2FX				1/4	3/4	0.93	0.81	0.13	2.68	0.63						
YAV26L2TC516FX				5/16	1.00	0.93	0.81	0.13	2.99	0.63						
YAV26L2TC38FX				3/8	1.00	0.93	0.81	0.13	3.12	0.63						
YAV26L2TC38E10FX				3/8	1-1/4	0.93	0.81	0.13	3.37	0.63						
YAV26L2TC12E1FX				1/2	1.00	0.93	0.81	0.13	3.37	0.63						
YAV26L2NTCFX				1/2	1-3/4	0.93	0.81	0.13	4.31	0.63						
YAV27L2TC14FX	3/0 AWG	3/0 AWG G,H,I,K,M, DLO	95	1/4	5/8	1.03	1.00	0.14	2.79	0.70	Orange	14	MY29 Series 644 Series 444 Series 81K Series	W27VT (2)‡ W27RT (2)‡ X27RT (3)	U27RT	1
YAV27L2TC38FX				3/8	1.00	1.03	1.00	0.14	3.35	0.70						
YAV27L2NTCFX				1/2	1.75	1.03	1.00	0.14	4.54	0.70						
YAV28L2TC14E2FX	4/0 AWG	4/0 AWG G,H,I,K,M, DLO	† 120	1/4	3/4	1.14	1.03	0.15	2.99	0.77	Purple	15	W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/16	
YAV28L2TC14FX				1/4	5/8	1.14	1.03	0.15	2.86	0.77						
YAV28L2TC516FX				5/16	1.00	1.14	1.03	0.15	3.30	0.77						
YAV28L2TC38FX				3/8	1.00	1.14	1.03	0.15	3.43	0.77						
YAV28L2TC12E1FX				1/2	1.00	1.14	1.03	0.15	3.68	0.77						
YAV28L2TC12FX				1/2	1-1/4	1.14	1.03	0.15	3.93	0.77						
YAV28L2NTCFX				1/2	1-3/4	1.14	1.03	0.15	4.62	0.77						
YAV29L2TC14FX	250 kcmil	4/0 AWG G,H,I,K,M, DLO	-	1/4	5/8	1.18	1.03	0.16	2.87	0.80	Yellow	16	644 Series 444 Series 81K Series	W29VT (2)‡ W29RT (2)‡ X29RT (4)	U29RT	1-1/16
YAV29L2TC14E2FX				1/4	3/4	1.18	1.03	0.16	2.99	0.80						
YAV29L2TC516FX				5/16	1.00	1.18	1.03	0.16	3.31	0.80						
YAV29L2TC38FX				3/8	1.00	1.18	1.03	0.16	3.43	0.80						
YAV29L2TC12E1FX				1/2	1.00	1.18	1.03	0.16	3.68	0.80						
YAV29L2TC12FX				1/2	1-1/4	1.18	1.03	0.16	3.93	0.80						
YAV29L2NTCFX				1/2	1-3/4	1.18	1.03	0.16	4.62	0.80						

Copper, Flex, 2-Hole, Standard Barrel, Inspection Window

TYPES YA-L-2TC, YA-L-2TC-FX, YAV-L-2TC-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPT1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡ Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

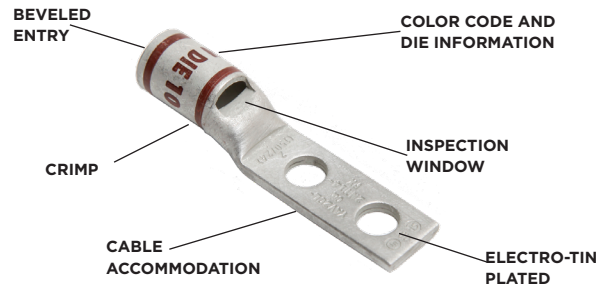
Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series†	35, 750, 46* Series	
YA30L2TC516FX	-	250 kcmil G,H	-	5/16	1	1.20	1.03	0.16	3.32	0.81	Yellow	16	-	W29VT (2)‡ W29RT (2)‡ X29RT (4)	U29RT	1-1/16
YA30L2TC38FX				3/8	1	1.20	1.03	0.16	3.45	0.81						
YA30L2NTCFX				1/2	1-3/4	1.20	1.03	0.16	4.63	0.81						
YA31L2TC38FX	-	250 kcmil I,K,M, DLO 262	150	3/8	1	1.29	1.06	0.18	3.51	0.88	White	17 or 298	-	W30VT (2)‡ W30RT (2)‡	U30RT (2)	1-1/8
YA31L2TC12FX				1/2	1-1/4	1.29	1.06	0.18	4.01	0.88						
YA31L2NTCFX				1/2	1-3/4	1.29	1.06	0.18	4.70	0.88						
YA32L2TC38FX	-	300 kcmil G,H,I,K,M, DLO 313	185	3/8	1	1.40	1.19	0.19	3.69	0.95	Red	18 or 324	-	W31VT (2)‡ W31RT (2)‡	U31RT (2)	1-1/4
YA32L2NTCFX				1/2	1-3/4	1.40	1.19	0.19	4.88	0.95						
YA34L2TC516FX	-	350 kcmil G,H,I,K,M, DLO 373	240	5/16	1	1.55	1.27	0.23	3.75	1.06	Blue	19 or 470	644 Series 444 Series 81K Series	W32VT (2)‡ W32RT (2)‡	U32RT (2)	1-5/16
YA34L2TC38FX				3/8	1	1.55	1.27	0.23	3.88	1.06						
YA34L2NTC38FX				3/8	1-3/4	1.55	1.27	0.23	4.63	1.06						
YA34L2TC12FX				1/2	1-1/4	1.55	1.27	0.23	4.38	1.06						
YA34L2NTCFX				1/2	1-3/4	1.55	1.27	0.23	5.06	1.06						
YA36L2TC38FX	-	500 kcmil G,H, DLO 444	-	3/8	1	1.74	1.38	0.27	4.24	1.19	Brown	20 or 299	-	-	U34RT (2)	1-7/16
YA36L2NTCFX				1/2	1-3/4	1.74	1.38	0.27	5.24	1.19						
YA38L2TC516FX	-	500 kcmil H,I,K 550 kcmil G,H,I DLO 535	300	5/16	1	1.84	1.45	0.27	4.04	1.25	Pink	L99	-	-	U38XRT (2)	1-7/16
YA38L2TC38FX				3/8	1	1.84	1.45	0.27	4.35	1.25						
YA38L2TC12FX				1/2	1-1/4	1.84	1.45	0.27	4.67	1.25						
YA38L2NTCFX				1/2	1-3/4	1.84	1.45	0.27	5.35	1.25						
YA39L2TC38E10FX	-	600 kcmil G,H,I,K, DLO	-	3/8	1-3/4	1.91	1.42	0.27	4.61	1.30	Pink	400	-	-	U38RT (2)	1-1/2
YA39L2NTCFX				1/2	1-3/4	1.91	1.42	0.27	5.36	1.30						
YA40L2TC38FX	-	650 kcmil G, DLO 646	400	3/8	1	1.98	1.42	0.30	4.38	1.30	Black	24	644 Series 444 Series 81K Series (2)	-	U39RT (2)	1-5/16
YA40L2NTCFX				1/2	1-3/4	1.98	1.42	0.30	5.38	1.50						
YA44L2TC38FX	-	750 kcmil G,H, DLO 777	500	3/8	1	2.19	1.65	0.33	4.74	1.50	Yellow	L115	-	U44XRT (2) P44XRT (2)●	1-5/8	
YA44L2TC12FX				1/2	1-1/4	2.19	1.65	0.33	5.05	1.50						
YA44L2TC12E3FX				1/2	1-1/2	2.19	1.65	0.33	5.30	1.50						
YA44L2NTCFX				1/2	1-3/4	2.19	1.65	0.33	5.74	1.50						
YA44L2TC58FX				5/8	1-1/2	2.19	1.65	0.33	5.55	1.50						

Copper, Flex, 2-Hole, Narrow, Standard Barrel, Inspection Window

TYPE YAV-L-2NT-FX HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

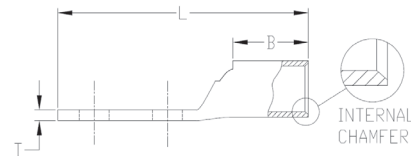
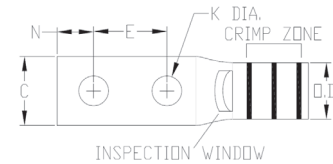


Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Narrow tongue/tang is designed to allow for more parallel terminations of wire in limited space applications
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 2-Hole, Narrow, Standard Barrel, Inspection Window

TYPE YAV-L-2NT-FX (Continued)

Notes: All dimensions shown are for reference only.

* Use PUADPT adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

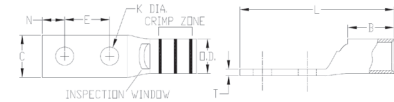
***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡ Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor



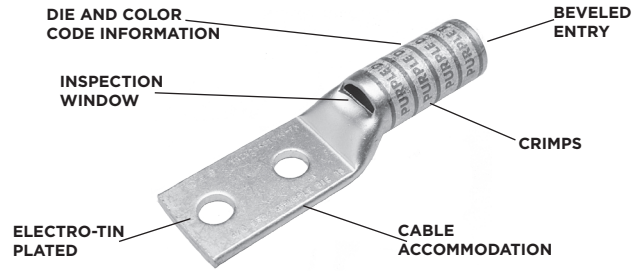
Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46 ⁺ Series	
YAV4CL2NT10E1FX	4 AWG	4 AWG G,H,I,K,M DLO	—	#10	1.00	0.41	0.50	0.09	2.33	0.38	Gray	8	MY29 Series Y122CMR (2) Y1MRTC (2) 81K Series	W4CVT W4CRT X4CRT	U4CRT	9/16
YAV4CL2NT10FX				#10	5/8	0.41	0.50	0.09	1.95	0.38						
YAV4CL2NT14FX				1/4	.63	0.45	0.50	0.09	2.08	0.38						
YAV2CL2NT10FX	2 AWG	2 AWG G,H,I,K,M DLO	35	#10	.63	0.48	0.63	0.10	2.14	0.46	Brown	10	81K Series 644 Series 444 Series	W2CVT W2CRT X2CRT	U2CRT	
YAV2CL2NT14E1FX				1/4	1.00	0.48	0.63	0.10	2.63	0.46						
YAV2CL2NT14FX				1/4	.63	0.48	0.63	0.10	2.26	0.46						
YAV1CL2NT14FX	1 AWG	1 AWG G,H,I,K,M DLO	—	1/4	.63	0.50	0.62	0.12	2.28	0.51	Green	11		W1CVT W1CRT1 X1CRT1	U1CRT1	11/16
YAV1CL2NT516FX				5/16	1.00	0.58	0.63	0.12	2.72	0.51						
YAV25L2NT14E1FX	1/0 AWG	1/0 AWG G,H,I,K,M DLO	50	1/4	1.00	0.64	0.69	0.12	2.76	0.56	Pink	12	Y1MRTC (2)**** MY29 Series 644 Series 81K Series	W25VT (2)‡ W25RT (2)‡ X25RT (2)	U25RT	
YAV25L2NT14FX				1/4	.63	0.64	0.69	0.12	2.39	0.56						
YAV25L2NT516FX				5/16	1.00	0.58	0.69	0.12	2.82	0.56						
YAV26L2NT14FX	2/0 AWG	2/0 AWG G,H,I,K,M DLO	70	1/4	0.63	0.76	0.81	0.13	2.56	0.63	Black	13	644 Series 444 Series 81K Series	W26VT (2)‡ W26RT (2)‡ X26RT (2)	U26RT	13/16
YAV26L2NT38FX				3/8	1.00	0.63	0.81	0.13	3.23	0.63						
YAV26L2NT516FX				5/16	1.00	0.58	0.81	0.13	2.99	0.63						
YAV28L2ENT14FX	4/0 AWG	4/0 AWG G,H,I,K,M DLO	† 120	1/4	.63	0.76	1.03	0.15	2.86	0.77	Purple	15		W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/16
YAV28L2NT38FX				3/8	1.00	0.94	1.03	0.15	3.43	0.77						
YAV29L2NT38FX	250 kcmil	4/0 AWG G,H,I,K,M DLO	—	3/8	1.00	0.94	1.03	0.16	3.43	0.80	Yellow	16		W29VT (2)‡ W29RT (2)‡ X29RT (4)	U29RT	
YA31L2NT38FX	—	250 kcmil I,K,M DLO 262	150	3/8	1.00	0.96	1.06	0.18	3.51	0.88	White	17 or 298		W30VT (2)‡ W30RT (2)‡	U30RT (2)	1-1/8
YA32L2NT38FX	—	300 kcmil G,H,I,K,M DLO 313	185	3/8	1.00	0.96	1.19	0.20	3.69	0.95	Red	18		W31VT (2)‡ W31RT (2)‡	U31RT (2)	1-1/4
YA34L2NT38FX	—	350 kcmil G,H,I,K,M DLO 373	240	3/8	1.00	0.96	1.27	0.23	3.88	1.06	Blue	19 or 470	644 Series 444 Series 81K Series	W32VT (2)‡ W32RT (2)‡	U32RT (2)	1-5/16
YA36L2NT38FX	—	500 kcmil G,H DLO 444	—	3/8	1.00	1.63	1.38	0.27	4.24	1.19	Brown	20		—	U34RT (2)	
YA36L2ENT38E10FX				3/8	1.25	1.50	1.38	0.27	4.49	1.19						
YA38L2ENT38FX	—	500 kcmil H,I,K 550 kcmil G,H,I DLO 535	300	3/8	1.00	1.50	1.45	0.27	4.35	1.25	Pink	L99		—	U38XRT (2)	1-7/16
YA38L2NT38FX				3/8	1.00	1.63	1.45	0.27	4.35	1.25						
YA38L2NNTFX				1/2	1.75	1.63	1.45	0.27	5.35	1.25						
YA40L2NNTFX	—	650 kcmil G DLO 646	400	1/2	1.75	1.63	1.42	0.30	5.38	1.35	Black	24	644 Series 444 Series 81K Series (2)	—	U39RT (2)	1-5/16
YA44L2NNTFX	—	750 kcmil G,H DLO 777	500	1/2	1.75	1.63	1.65	0.33	5.74	1.50	Yellow	L115		—	U44XRT (2) P44XRT (2)•	1-5/8
YA44L2NT38FX				3/8	1.00	1.63	1.65	0.33	4.74	1.50						
YA45L2NT38FX	—	929 kcmil DLO	—	3/8	1.00	1.70	2.00	0.38	5.18	1.69	White	27	—	—	P44RT (2)	2-1/16

Copper, Flex, 2-Hole, Long Barrel, Inspection Window

TYPE YAZ-FX HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

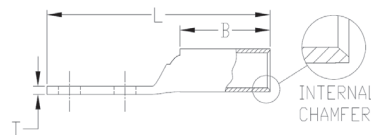
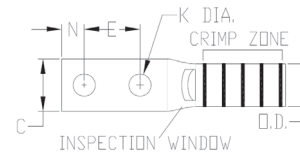


Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

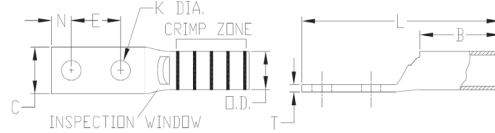


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 2-Hole, Long Barrel, Inspection Window

TYPE YAZ-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

†Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

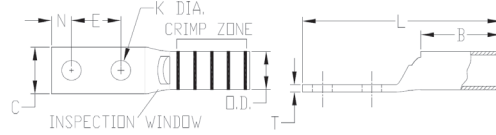
● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46" Series	
YAZV102TC14E1	14-10 AWG	—	2.5 - 4	1/4	1.00	0.41	0.69	0.05	2.53	0.21	—	—	MR20 (2) MRE1022B (2) Y122CMR (2)	—	—	3/4
YAZ8C2TC10FX	8 AWG 6 Sol 8 Sol	8 AWG G,H,I,K,M DLO	† 10	#10	5/8	0.41	0.81	0.08	2.20	0.27	Red	49	Y8MRB1 MY29 Series (2) Y122CMR (2) Y1MRTC (2) 81K Series	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	1
YAZ8C2TC10E2FX				#10	3/4	0.41	0.75	0.08	2.33	0.27						
YAZ8C2TC14FX				1/4	5/8	0.44	0.81	0.08	2.32	0.27						
YAZ8C2TC14E2FX				1/4	3/4	0.44	0.81	0.08	2.45	0.27						
YAZ8C2TC14E1FX				1/4	1	0.44	0.81	0.08	2.70	0.27						
YAZ8C2TC38FX				3/8	1	0.58	0.81	0.06	2.89	0.27						
YAZV6C2TC10E2FX	6 AWG	6 AWG G,H,I,K,M DLO	† 16	#10	3/4	0.48	0.75	0.08	2.64	0.31	Blue	7 or 374	MY29 Series (2) Y122CMR (2) Y1MRTC (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-3/16
YAZV6C2TC14FX				1/4	5/8	0.48	0.75	0.08	2.65	0.31						
YAZV6C2TC14E2FX				1/4	3/4	0.48	0.75	0.08	2.78	0.31						
YAZV6C2TC14E1FX				1/4	1	0.48	0.75	0.08	3.03	0.31						
YAZV6C2TC38E2FX				3/8	3/4	0.58	0.75	0.06	2.97	0.31						
YAZV6C2TC38E6FX				3/8	7/8	0.58	0.75	0.06	3.09	0.31						
YAZV6C2TC38FX	3/8	1	0.58	0.75	0.06	2.78	0.31									
YAZV4C2TC14FX	4 AWG	4 AWG G,H,I,K,M DLO	—	1/4	5/8	0.55	1.25	0.09	2.83	0.38	Gray	8 or 346	Y1MRTC (4) Y122CMR (4) MY29 Series (2) 644 Series 444 Series 81K Series	W4XVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	1-5/16
YAZV4C2TC14E2FX				1/4	3/4	0.55	1.25	0.09	2.95	0.38						
YAZV4C2TC38E2-FX				3/8	3/4	0.58	1.25	0.08	3.14	0.38						
YAZV4C2TC38FX				3/8	1	0.58	1.25	0.08	3.39	0.38						
YAZV2C2TC14FX	2 AWG	2 AWG G,H,I,K,M DLO	35	1/4	5/8	0.68	1.38	0.10	3.01	0.46	Brown	10	MY29 Series (2) 644 Series 444 Series 81K Series	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-7/16
YAZV2C2TC14E2FX				1/4	3/4	0.68	1.38	0.10	3.13	0.46						
YAZV2C2TC38FX				3/8	1	0.68	1.38	0.10	3.57	0.46						
YAZV2C2NTCFX				1/2	1-3/4	0.83	1.38	0.10	4.76	0.46						
YAZV1C2TC14FX	1 AWG	1 AWG G,H,I,K,M DLO	—	1/4	5/8	0.75	1.38	0.12	3.04	0.51	Green	11 or 375	MY29 Series (2) 644 Series 444 Series 81K Series	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2)	1-7/16
YAZV1C2TC14E2FX				1/4	3/4	0.75	1.38	0.12	3.16	0.51						
YAZV1C2TC14E1FX				1/4	1	0.75	1.38	0.12	3.41	0.51						
YAZV1C2TC516E6FX				5/16	7/8	0.75	1.38	0.12	3.35	0.51						
YAZV1C2TC516FX				5/16	1	0.75	1.38	0.12	3.47	0.51						
YAZV1C2TC38FX				3/8	1	0.75	1.38	0.12	3.60	0.51						
YAZV252TC14FX	1/0 AWG	1/0 AWG G,H,I,K,M DLO	50	1/4	5/8	0.83	1.50	0.12	3.20	0.56	Pink	12 or 348	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W25VT (4)± W25RT (4)± X25RT (4)	U25RT (2)	1-9/16
YAZV252TC14E2FX				1/4	3/4	0.83	1.50	0.12	3.32	0.56						
YAZV252TC38FX				3/8	1	0.83	1.50	0.12	3.76	0.56						
YAZV252NTCFX				1/2	1-3/4	0.83	1.50	0.12	4.95	0.56						

Copper, Flex, 2-Hole, Long Barrel, Inspection Window

TYPE YAZ-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY; No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM^m conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

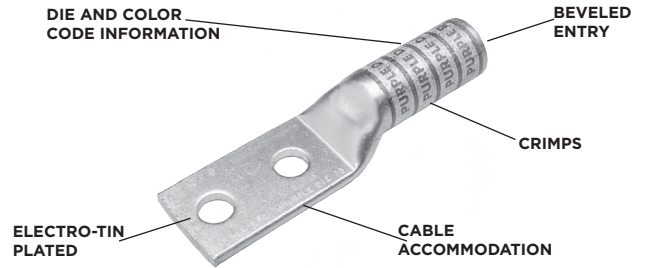
Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)						Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series		
YAZV262TC14FX	2/0 AWG	2/0 AWG G,H,I,K,M DLO	70	1/4	5/8	0.93	1.50	0.13	3.20	0.63	Black	13	MY29 Series (2)	W26VT (4)‡ W26RT (4)‡ X26RT (4)	U26RT (2)	1-9/16	
YAZV262TC14E2FX				1/4	3/4	0.93	1.50	0.13	3.32	0.63							
YAZV262TC38E6FX				3/8	.88	0.93	1.50	0.13	3.68	0.63							
YAZV262TC38FX				3/8	1	0.93	1.50	0.13	3.76	0.63							
YAZV262NTCFX				1/2	1-3/4	0.93	1.50	0.13	4.95	0.63							
YAZV272TC14E2FX	3/0 AWG	3/0 AWG G,H,I,K,M DLO	95	1/4	3/4	1.03	1.50	0.14	3.36	0.70	Orange	14	644 Series 444 Series 81K Series (2)	W27VT (4)‡ W27RT (4)‡ X27RT (6)	U27RT (2)	1-9/16	
YAZV272TC38FX				3/8	1	1.03	1.50	0.14	3.80	0.70							
YAZV282TC14E2FX	4/0 AWG	4/0 AWG G,H,I,K,M DLO	† 120	1/4	3/4	1.14	1.62	0.15	3.52	0.77	Purple	15	644 Series 444 Series 81K Series (2)	W28VT (4)‡ W28RT (4)‡ X28RT (6)	U28RT (2)	1-11/16	
YAZV282TC38FX				3/8	1	1.14	1.62	0.15	3.96	0.77							
YAZV282NTCFX				1/2	1-3/4	1.14	1.62	0.15	4.93	0.77							
YAZV292NT516FX	250 kcmil	4/0 AWG G,H,I,K,M DLO	—	5/16	1-3/4	0.96	2.00	0.16	4.62	0.80	Yellow	16	644 Series 444 Series 81K Series (2)	W29RT (4)‡ W29VT (4)‡ X29RT (8)	U29RT (2)	2-1/16	
YAZ302TC38FX	—	250 kcmil G,H	—	3/8	1	1.20	2.00	0.16	4.42	0.81	Yellow	16				2-1/16	
YAZ312TC14E2FX	—	250 kcmil I,K,M DLO 262	150	1/4	3/4	1.29	2.00	0.18	4.02	0.88	White	17 or 298	644 Series 444 Series 81K Series (2)	W30VT (4)‡ W30RT (4)‡	U30RT (4)	2-1/16	
YAZ312TC38FX				3/8	1	1.29	2.00	0.18	4.45	0.88							
YAZ312NTCFX				1/2	1.75	1.29	2.00	0.18	5.64	0.88							
YAZ322TC38FX	—	300 kcmil G,H,I,K,M DLO 313	185	3/8	1	1.40	2.12	0.19	4.62	0.95	Red	18 or 324	644 Series 444 Series 81K Series (2)	W31VT (4)‡ W31RT (4)‡	U31RT (4)	2-3/16	
YAZ342TC14E2FX	—	350 kcmil G,H,I,K,M DLO 373	240	1/4	3/4	1.55	2.25	0.23	4.42	1.03	Blue	19 or 470	644 Series 444 Series 81K Series (2)	W32VT (4)‡ W32RT (4)‡	U32RT (4)	2-5/16	
YAZ342TC38FX				3/8	1	1.55	2.25	0.23	4.85	1.06							
YAZ342NT38FX				3/8	1	0.96	2.25	0.23	4.85	1.06							
YAZ342NTCFX				1/2	1-3/4	1.55	2.25	0.23	6.04	1.06							
YAZ362TC38FX	—	500 kcmil G,H DLO 444	—	3/8	1	1.74	2.69	0.27	5.55	1.19	Brown	20 or 299	—	—	U34RT (4)	2-3/4	
YAZ382NT38FX	—	500 kcmil H,I,K 550 kcmil G,H,I DLO 535	300	3/8	1	1.62	2.81	0.27	5.72	1.25	Pink	L99	644 Series 444 Series 81K Series (2)	—	U38XRT (4)	2-7/8	
YAZ382TC38FX				3/8	1	1.84	2.81	0.27	5.72	1.25							
YAZ382NNTFX				1/2	1-3/4	1.62	2.81	0.27	6.72	1.25							
YAZ382NTCFX				1/2	1-3/4	1.84	2.81	0.27	6.72	1.25							
YAZ402NTCFX	—	650 kcmil G DLO 646	—	1/2	1-3/4	1.98	2.94	0.30	6.89	1.35	Black	24	644 Series 444 Series	—	U39RT (4)	3	
YAZ442NT38FX	—	750 kcmil G,H DLO 777	—	3/8	1	1.62	3.00	0.33	6.08	1.50	Yellow	L115	644 Series 444 Series 81K Series (2)	—	U44XRT (4) P44XRT (4)●	3-1/16	

Copper, Flex, 2-Hole, Long Barrel, No Inspection Window

TYPE YAV-2TC-FX

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

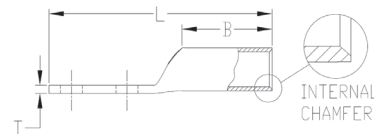
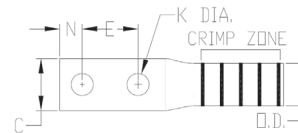


Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

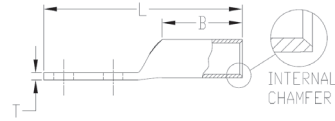
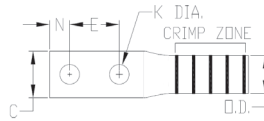


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 2-Hole, Long Barrel, No Inspection Window

TYPE YAV-2TC-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

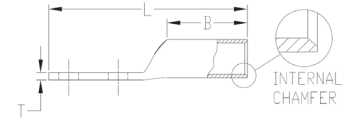
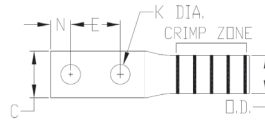
● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM^m conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAV6C2TC14E1FX	6 AWG	6 AWG G,H,I,K,M DLO	† 16	1/4	1.00	0.48	1.12	0.08	3.06	0.31	Blue	7 or 374	Y122CMR (2) Y1MRTC (2) MY29 Series (2) MRC840 (2) 644 Series 4PC834 Series 81K Series	W5CVT (2) W5CRT (2) X5CRT (2)	U8CABT U5CRT (2)	1-3/16
YAV6C2TC38FX				3/8	1.00	0.58	1.12	0.06	2.07	0.31						
YAV2C2TC38FX	2 AWG	2 AWG G,H,I,K,M DLO	35	3/8	1.00	0.676	1.375	0.406	3.589	0.461	Brown	10	Y1MRTC (4) Y122CMR (4) MY29 Series (2) 644 Series 444 Series 81K Series	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-5/16
YAV252TC38FX	1/0 AWG	1/0 AWG G,H,I,K,M DLO	50	3/8	1.00	0.83	1.5	0.12	3.78	0.56	Pink	12 or 348		W25RT (4)‡ W25VT (4)‡ X25RT (4)	U25RT (2)	1-9/16
YAV252NTCFX				1/2	1.75	0.83	1.5	0.12	4.97	0.56						
YAV262TC38FX	2/0 AWG	2/0 AWG G,H,I,K,M DLO	70	3/8	1.00	0.934	1.5	0.129	3.832	0.634	Black	13	MY29 Series (2)	W26VT (4)‡ W26RT (4)‡ X26RT (4)	U26RT (2)	1-9/16
YAV262NTCFX				1/2	1.75	0.934	1.5	0.129	5.02	0.634						
YAV272TC38FX	3/0 AWG	3/0 AWG G,H,I,K,M DLO	95	3/8	1.00	1.033	1.5	0.138	3.876	0.698	Orange	14	644 Series 444 Series 81K Series (2)	W27VT (4)‡ W27RT (4)‡ X27RT (6)	U27RT (2)	1-9/16
YAV272TC38E16FX				3/8	1.75	1.033	1.5	0.138	4.626	0.698						
YAV272NTCFX				1/2	1.75	1.033	1.5	0.138	5.064	0.698						
YAV282TC38FX	4/0 AWG	4/0 AWG G,H,I,K,M DLO	† 120	3/8	1.00	1.142	1.62	0.145	4.048	0.77	Purple	15		W28VT (4)‡ W28RT (4)‡ X28RT (6)	U28RT (2)	1-11/16
YAV282TC38E10FX				3/8	1.25	1.142	1.62	0.145	4.298	0.77						
YAV282NTCFX				1/2	1.75	1.142	1.62	0.145	5.236	0.77						
YAV292NT38FX	250 kcmil	4/0 AWG G,H,I,K,M DLO	—	3/8	1.00	0.75	2	0.16	4.58	0.8	Yellow	16		W29RT (4)‡ W29VT (4)‡ X29RT (8)	U29RT (2)	2-1/16
YA322TC3810FX	—	300 kcmil G,H,I,K,M DLO 313	185	3/8	1.25	1.403	2.12	0.191	4.908	0.953	Red	324 or 18	644 Series 444 Series 81K Series (2)	W31VT (4)‡ W31RT (4)‡	U31RT (4)	2-3/16
YA322NTCFX				1/2	1.75	1.403	2.12	0.191	5.846	0.953						
YA342NTCFX	—	350 kcmil G,H,I,K,M DLO 373	240	1/2	1.75	1.551	2.25	0.226	6.083	1.06	Blue	470 or 19		W32VT (4)‡ W32RT (4)‡	U32RT (4)	2-5/8

Copper, Flex, 2-Hole, Long Barrel, No Inspection Window

TYPE YAV-2TC-FX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPT adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

† Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 2 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

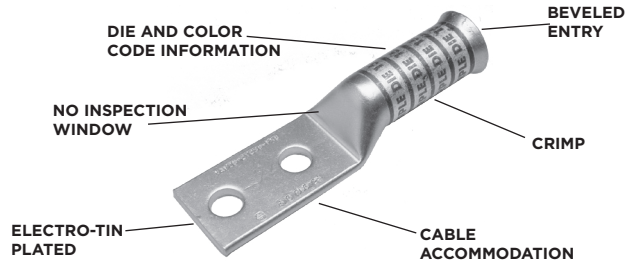
Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ²		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46 ⁺ Series	
YA362TC38E10FX	—	500 kcmil G,H DLO 444	—	3/8	1.25	1.74	2.69	0.265	5.844	1.188	Brown	299 or 20	644 Series 444 Series 81K Series (2)	—	U34RT (4)	2-3/4
YA362NTCFX	—			1/2	1.75	1.74	2.69	0.265	6.594	1.188						
YA382NT38FX	—	500 kcmil H,I,K 550 kcmil G,H,J DLO 535	300	3/8	1.00	1.63	2.81	0.27	5.77	1.25	Pink	L99	644 Series 444 Series 81K Series (2)	—	U38XRT (4)	3-3/16
YA382ENT38FX				3/8	1.00	1.35	2.81	0.27	5.77	1.25						
YA382NTCFX				1/2	1.75	1.84	2.81	0.27	6.77	1.25						
YA402NTCFX	—	650 kcmil G DLO 646	—	1/2	1.75	1.975	2.938	0.299	6.945	1.35	Black	24	644 Series 444 Series 81K Series (3)	—	U39RT (4)	3
YA442NT38FX	—	750 kcmil G,H DLO 777	—	3/8	1.00	1.63	3	0.41	6.14	1.5	Yellow	L115		644 Series 444 Series 81K Series (3)	—	U44XRT (4) P44XRT (4)●
YA442TC38FX				3/8	1.00	2.19	3	0.33	6.14	1.5						
YA442NNTFX				1/2	1.75	1.63	3	0.32	7.14	1.5						
YA442NTCFX				1/2	1.75	2.18	3	0.32	7.14	1.5						

Copper, Flex, 2-Hole, Belled, Long Barrel, No Inspection Window

TYPES YA-2TC-FXB, YAV-2TC-FXB HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

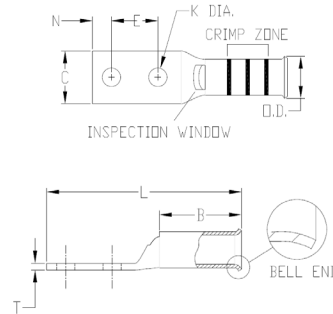


Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with a “belled” end opening at the wire entry, to ensure smooth insertion of highly flexible stranded wire, preventing possible damaging of the wire strands during insertion
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

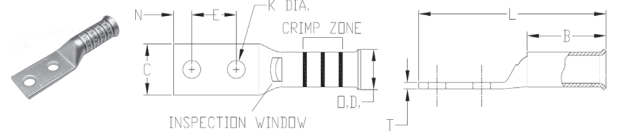


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 2-Hole, Belled, Long Barrel, No Inspection Window

TYPES YA-2TC-FXB, YAV-2TC-FXB (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPT adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

†Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

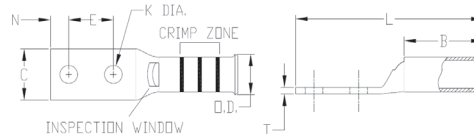
● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Figure Dimensions								Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●	Stud Size	Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series		
YA8C2TC14E2FXB	8 AWG 6 Sol 8 Sol	8 AWG G,H,I,K,M DLO	† 10	1/4	3/4	0.44	0.90	0.08	2.54	0.27	Red	49	Y8MRBI (2) Y1MRTC (2) MY29 Series (2) 81K Series	W8CRT (2) W8CVT (2) X8CRT (2)	U8CRT (2)	1	
YA8C2TC38FXB				3/8	1	0.58	0.90	0.06	2.98	0.27							
YAV6C2TC14E2FXB	6 AWG	6 AWG G,H,I,K,M DLO	† 16	1/4	3/4	0.48	1.22	0.08	2.88	0.31	Blue	7	Y122CMR (2) Y1MRTC (2) MY29 Series (2) 81K Series	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	1-5/16	
YAV6C2TC14FXB				1/4	5/8	0.48	1.22	0.08	2.76	0.31							
YAV6C2TC38FXB				3/8	1	0.58	1.22	0.06	3.32	0.31							
YAV6C2NFXB				1/2	1-3/4	0.83	1.22	0.12	4.51	0.31							
YAV4C2TC14E2FXB	4 AWG	4 AWG G,H,I,K,M DLO	-	1/4	3/4	0.55	1.22	0.09	2.93	0.38	Gray	8	Y122CMR (4) Y1MRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	1-5/16	
YAV4C2TC14FXB				1/4	5/8	0.55	1.22	0.09	2.81	0.38							
YAV4C2TC516FXB				5/16	1	0.55	1.22	0.09	3.24	0.38							
YAV4C2TC38FXB				3/8	1	0.58	1.22	0.09	3.37	0.38							
YAV4C2NFXB				1/2	1-3/4	0.83	1.22	0.12	4.56	0.38							
YA3C2TC516FXB	3 AWG	3 AWG G,H,I,K,M DLO	-	5/16	1	0.55	1.48	0.09	3.51	0.42	White	9	Y122CMR (4) Y1MRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W3CRT (2)	U3CRT (2)	1-9/16	
YA3C2TC38FXB				3/8	1	0.58	1.48	0.09	3.64	0.42							
YAV3C2NFXB				1/2	1.75	0.83	1.48	0.12	4.83	0.42							
YAV2C2TC14E1FXB	2 AWG	2 AWG G,H,I,K,M DLO	35	1/4	1	0.68	1.35	0.10	3.38	0.46	Brown	10	Y122CMR (4) Y1MRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-7/16	
YAV2C2TC14E2FXB				1/4	3/4	0.68	1.35	0.10	3.13	0.46							
YAV2C2TC14FXB				1/4	5/8	0.68	1.35	0.10	3.00	0.46							
YAV2C2TC38FXB				3/8	1	0.68	1.35	0.10	3.57	0.46							
YAV2C2TC516FXB				5/16	1	0.68	1.35	0.10	3.44	0.46							
YAV2C2NFXB				1/2	1-3/4	0.83	1.35	0.12	4.76	0.46							
YAV1C2TC38FXB	1 AWG	1 AWG G,H,I,K,M DLO	-	3/8	1	0.75	1.50	0.12	3.74	0.51	Green	11	Y1MRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2)	1-9/16	
YAV1C2NFXB				1/2	1-3/4	0.83	1.50	0.11	4.92	0.51							
YAV252TC14E2FXB	1/0 AWG	1/0 AWG G,H,I,K,M DLO	50	1/4	3/4	0.83	1.50	0.12	3.34	0.56	Pink	12	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W25RT (4)† W25VT (4)† X25RT (4)	U25RT (2)	1-9/16	
YAV252TC14FXB				1/4	5/8	0.83	1.50	0.12	3.21	0.56							
YAV252TC38FXB				3/8	1	0.83	1.50	0.12	3.78	0.56							
YAV262TC14E2FXB	2/0 AWG	2/0 AWG G,H,I,K,M DLO	70	1/4	3/4	0.93	1.63	0.13	3.52	0.63	Black	13	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W26RT (4)† W26VT (4)† X26RT (4)	U26RT (2)	1-13/16	
YAV262TC14FXB				1/4	5/8	0.93	1.63	0.13	3.40	0.63							
YAV262NTC38FXB				3/8	1-3/4	0.93	1.63	0.13	4.71	0.63							
YAV262TC38FXB				3/8	1	0.93	1.63	0.13	3.96	0.63							
YAV262NFXB				1/2	1-3/4	0.93	1.63	0.13	5.15	0.63							
YAV272TC14E2FXB	3/0 AWG	3/0 AWG G,H,I,K,M DLO	95	1/4	3/4	1.03	1.64	0.14	3.58	0.70	Orange	14	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W27RT (4)† W27VT (4)† X27RT (6)	U27RT (2)	1-13/16	
YAV272TC38FXB				3/8	1	1.03	1.64	0.14	4.01	0.70							
YAV272NFXB				1/2	1-3/4	1.03	1.64	0.14	5.20	0.70							

Copper, Flex, 2-Hole, Belled, Long Barrel, No Inspection Window

TYPES YA-2TC-FXB, YAV-2TC-FXB (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY; No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

† Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM^m conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAV282TC14E2FXB	4/0 AWG	4/0 AWG G,H,I,K,M DLO	† 120	1/4	3/4	1.14	1.77	0.14	3.76	0.77	Purple	15	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W28RT (4)† W28VT (4)† X28RT (6)	U28RT (2)	1-7/8
YAV282TC38FXB				3/8	1"	1.14	1.77	0.14	4.20	0.77						
YAV282NT38FXB				3/8	1"	1.14	1.77	0.14	4.20	0.77						
YAV282NTC38FXB				3/8	1-3/4	1.14	1.77	0.14	4.20	0.77						
YAV282NFXB				1/2	1-3/4	1.14	1.77	0.14	5.39	0.77						
YAV292TC14E2FXB	250 kcmil	4/0 AWG G,H,I,K,M DLO	-	1/4	3/4	1.18	2.16	0.16	4.19	0.80	Yellow	16	W29RT (4)† W29VT (4)† X29RT (8)	U29RT (2)	2-1/4	
YAV292TC38FXB				3/8	1	1.18	2.16	0.16	3.62	0.80						
YAV292NT38FXB				3/8	1	0.75	2.16	0.16	5.54	0.80						
YAV292NTC38FXB				3/8	1-3/4	1.18	2.16	0.16	5.37	0.80						
YAV292NFXB				1/2	1-3/4	1.18	2.16	0.16	5.81	0.80						
YA302NFXB	-	250 kcmil G,H	-	1/2	1-3/4	1.20	2.16	0.16	5.80	0.81	Yellow	16				
YA312TC38FXB	-	250 kcmil 4/0 AWG G,H,I,K,M DLO (550/24)	150	3/8	1	1.29	2.18	0.18	4.66	0.88	White	17	W30RT (4)† W30VT (4)†	U30RT (4)	2-1/4	
YA312NFXB				1/2	1-3/4	1.29	2.18	0.18	5.85	0.88						
YA322TC38FXB	-	300 kcmil G,H,I,K,M DLO 313 (775/24)	185	3/8	1	1.40	2.32	0.19	4.85	0.95	Red	18	644 Series 444 Series 81K Series (2)	W31RT (4)† W31VT (4)†	U31RT (4)	2-1/4
YA322NFXB				1/2	1-3/4	1.40	2.32	0.19	6.04	0.95						
YA342TC38FXB	-	350 kcmil G,H,I,K,M DLO 373 (925/24)	240	3/8	1	1.55	2.48	0.23	5.10	1.06	Blue	19	W32RT (4)† W32VT (4)†	U32RT (4)	2-9/16	
YA342NFXB				1/2	1-3/4	1.55	2.48	0.23	6.29	1.06						
YA362NFXB	-	500 kcmil G,H DLO 444 (110/24)	300	1/2	1-3/4"	1.73	2.95	0.26	6.84	1.18	Brown	20		U40RT (4)	3-1/16	
YA382NFXB	-	500 kcmil H,I,K 550 kcmil G,H,I DLO 535 (325/24)	300	1/2	1-3/4	1.84	3.08	0.26	7.01	1.25	Pink	L99		U38XRT (4)	3-3/16	
YA382FXBG2				1/2	2	1.84	3.08	0.27	6.82	1.25						
YA382FXBG3				1/2	1-3/16	1.84	3.08	0.27	6.26	1.25						
YA382TC38FXB				3/8	1	1.84	3.08	0.26	6.01	1.25						
YA402NFXB	-	650 kcmil G DLO 646 (1600/24)	400	1/2	1-3/4	1.98	3.24	0.30	7.22	1.35	Black	24		U39RT (4)	3-5/16	
YA442TC38FXB	-	750 kcmil G,H DLO 777 (1925/24)	500	3/8	1	2.19	3.33	0.33	6.44	1.50	Yellow	L115	644 Series 444 Series 81K Series (3)	U44XRT (4) P44XRT (4)●	3-7/16	
YA442NFXB				1/2	1-3/4	2.19	3.33	0.33	7.44	1.50						
YA462NFXB	-	1111 kcmil DLO (2750/24)	-	1/2	1-3/4	2.69	3.58	0.39	7.91	1.84	Contact Factory				3-11/16	

Copper, Flex, 2-Hole, Narrow, Long Barrel, Inspection Window

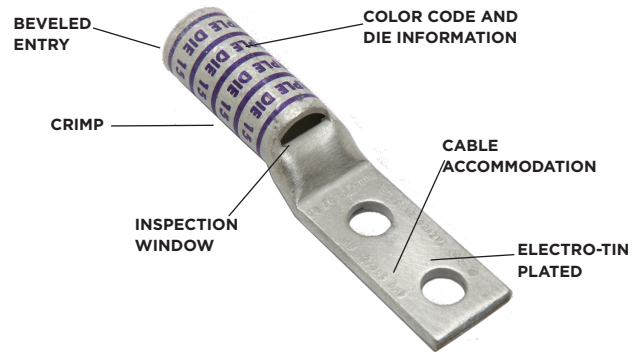
TYPES YAZ-2-NTFX, YAZV-2NTFX HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

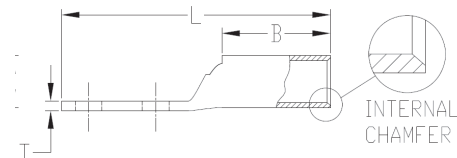
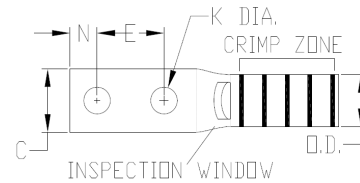
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Narrow tongue/tang is designed to allow for more parallel terminations of wire in limited space applications
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section.
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

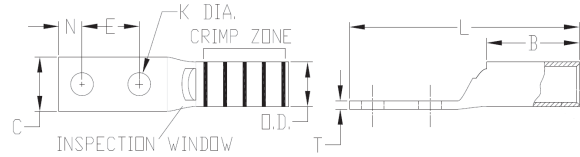


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 2-Hole, Narrow, Long Barrel, Inspection Window

TYPES YAZ-2-NTFX, YAZV-2NTFX (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAZV4C2NT14E2FX	4 AWG	4 AWG G,H,I,K,M DLO	—	1/4	0.75	0.44	1.25	0.09	2.95	0.38	Gray	8	Y122CMR (4) YIMRTC(4) MY29 Series (4) 644 Series 444 Series 81K Series	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2)	1-5/16
YAZV2C2NT14E2FX	2 AWG	2 AWG G,H,I,K,M DLO	35	1/4	0.75	0.50	1.38	0.10	3.14	0.46	Brown	10	Y122CMR (4) YIMRTC (4) MY29 Series (2) 644 Series 444 Series 81K Series	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	1-7/16
YAZV252NT14FX	1/0 AWG	1/0 AWG G,H,I,K,M DLO	—	1/4	.62	0.48	1.50	0.12	3.35	0.56	Pink	12 or 348	MY29 Series (2) 644 Series 444 Series 81K Series (2) 4PC Series (2)	W25RT (4)‡ X25RT (4) W25VT (4)‡	U25RT (2)	1-9/16
YAZV282NT38FX	4/0 AWG	4/0 AWG G,H,I,K,M DLO	—	3/8	1.00	0.94	1.62	0.17	3.96	0.77	Purple	15	MY29 Series (2) 644 Series 444 Series 81K Series (2)	W28VT (4)‡ W28RT (4)‡ X28RT (6)	U28RT (2)	1-11/16
YAZV292NT516FX	250 kcmil	4/0 AWG G,H,I,K,M DLO	—	5/16	1.00	0.96	2.00	0.16	4.28	0.80	Yellow	16	644 Series 444 Series 81K Series (2)	W29RT (4)‡ W29VT (4)‡ X29RT (8)	U29RT (2)	2-1/16
YAZ342NT38FX	—	350 kcmil G,H,I,K,M DLO 373	240	3/8	1.00	0.96	2.25	0.23	4.85	1.06	Blue	19		W32VT (4)‡ W32RT (4)‡	U32RT (4)	2-5/16
YAZ382ENT38FX	—	500 kcmil H,I,K	300	3/8	1.00	1.46	2.81	0.27	5.72	1.25	Pink	L99		—	U38XRT (3)	2-7/8
YAZ382NT38FX		550 kcmil G,H,I DLO 535		3/8	1.00	1.62	2.81	0.27	5.72	1.25						
YAZ382NNTFX		1/2		1.75	1.62	2.81	0.27	6.72	1.25							
YAZ442NT38FX	—	750 kcmil G,H DLO 777	500	3/8	1.00	1.62	3.00	0.33	6.09	1.50	Yellow	L115	—	U44XRT (4) P44XRT (4)●	3-1/16	

Copper, Flex, 1-Hole, Std. Barrel, Tin-Zinc Plated, No Inspection Window

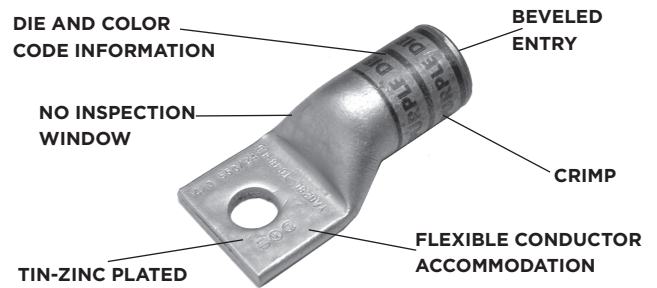
TYPE YAG-L-FXTZ HYTIN-ZCLAD™

Uninsulated Copper Compression Terminal, Tin-Zinc Plated, UL Listed 90° C, Up to 35 kV ♦

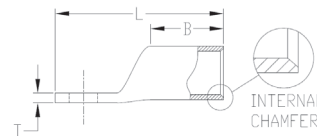
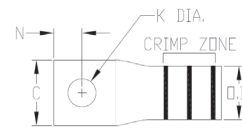
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Tin-Zinc plated for battery connectors or other heavy duty equipment, to reduce the corrosion from lead/acid batteries
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

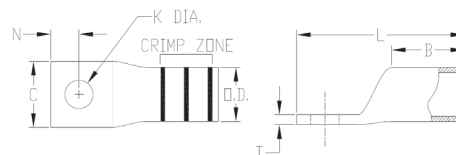


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 1-Hole, Std. Barrel, Tin-Zinc Plated, No Inspection Window

TYPE YAG-L-FXTZ (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPI adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YIMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

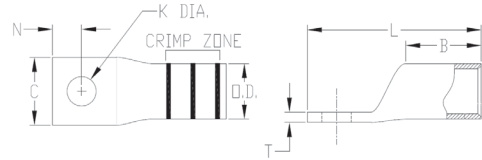
● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46 ⁺ Series	
YAG8CLTC14FXTZ	8 AWG 6 Sol 8 Sol	8 AWG G,H,I,K,M DLO	†	1/4	0.44	0.44	0.08	1.32	0.27	Red	49	MY29 Series Y122CMR YIMRTC 81K Series	W8CVT W8CRT X8CRT	U8CRT	1/2
YAG8CLTC38FXTZ			10	3/8	0.58	0.44	0.06	1.51	0.27						
YAG6CLTC14FXTZ	6 AWG	6 AWG G,H,I,K,M DLO	†	1/4	0.48	0.50	0.08	1.43	0.31	Blue	7	MY29 Series Y122CMR YIMRTC 81K Series	W5CVT W5CRT X5CRT	U5CRT	1/2
YAG6CLTC516FXTZ				5/16	0.52	0.50	0.07	1.49	0.31						
YAG6CLTC38FXTZ				3/8	0.58	0.50	0.06	1.61	0.31						
YAG6CLTC12FXTZ				1/2	0.75	0.50	0.12	1.86	0.31						
YAG4CLTC14FXTZ	4 AWG	4 AWG G,H,I,K,M DLO	-	1/4	0.55	0.50	0.09	1.48	0.38	Gray	8	MY29 Series Y122CMR (2) YIMRTC (2) 81K Series 644 Series 444 Series	W4CVT W4CRT X4CRT	U4CRT	1/2
YAG4CLTC516FXTZ				5/16	0.55	0.50	0.09	1.55	0.38						
YAG4CLTC38FXTZ				3/8	0.58	0.50	0.08	1.67	0.38						
YAG2CLTC14FXTZ	2 AWG	2 AWG G,H,I,K,M DLO	35	1/4	0.68	0.63	0.10	1.64	0.46	Brown	10	MY29 Series Y122CMR (2) YIMRTC (2) 81K Series 644 Series 444 Series	W2CRT W2CVT X2CRT	U2CRT	11/16
YAG2CLTC516FXTZ				5/16	0.68	0.63	0.10	1.70	0.46						
YAG2CLTC38FXTZ				3/8	0.68	0.63	0.10	1.83	0.46						
YAG2CLTC12FXTZ				1/2	0.73	0.63	0.09	2.12	0.46						
YAG1CLTC516FXTZ	1 AWG	1 AWG G,H,I,K,M DLO	-	5/16	0.75	0.69	0.12	1.73	0.51	Green	11	W1CVT W1CRT X1CRT	U1CRT1	11/16	
YAG25LTC38FXTZ	1/0 AWG	1/0 AWG G,H,I,K,M DLO	50	3/8	0.83	0.69	0.12	1.96	0.56	Pink	12	W25VT (2)‡ W25RT (2)‡ X25RT (2)	U25RT	11/12	
YAG25LTC12FXTZ				1/2	0.83	0.69	0.12	2.21	0.56						
YAG26LTC38FXTZ	2/0 AWG	2/0 AWG G,H,I,K,M DLO	70	3/8	0.93	0.81	0.13	2.13	0.63	Black	13	YIMRTC (2)**** MY29 Series 81K Series 644 Series 444 Series	W26VT (2)‡ W26RT (2)‡ X26RT (2)	U26RT	13/16
YAG26LTC516FXTZ				5/16	0.93	0.81	0.13	2.01	0.63						
YAG26LTC12FXTZ				1/2	0.93	0.81	0.13	2.38	0.63						
YAG27LTC14FXTZ	3/0 AWG	3/0 AWG G,H,I,K,M DLO	95	1/4	1.03	1.00	0.14	2.18	0.70	Orange	14	MY29 Series 81K Series 644 Series 444 Series	W27VT (2)‡ W27RT (2)‡ X27RT (3)	U27RT	1
YAG27LTC38FXTZ				3/8	1.03	1.00	0.14	2.37	0.70						
YAG27LTC12FXTZ				1/2	1.03	1.00	0.14	2.62	0.70						
YAG28LTC14FXTZ	4/0 AWG	4/0 AWG G,H,I,K,M DLO	†	1/4	1.14	1.03	0.15	2.26	0.77	Purple	15	W28VT (2)‡ W28RT (2)‡ X28RT (3)	U28RT	1-1/16	
YAG28LTC516FXTZ				5/16	1.14	1.03	0.15	2.32	0.77						
YAG28LTC516N66FXTZ				5/16	1.14	1.03	0.15	2.64	0.77						
YAG28LTC38FXTZ				3/8	1.14	1.03	0.15	2.45	0.77						
YAG28LTC12FXTZ				1/2	1.14	1.03	0.15	2.70	0.77						
YAG28LTC58FXTZ				5/8	1.14	1.03	0.15	2.95	0.77						

Copper, Flex, 1-Hole, Std. Barrel, Tin-Zinc Plated, No Inspection Window

TYPE YAG-L-FXTZ (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADPT adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY, No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****YMRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

‡Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

Catalog Number	Conductor			Stud Size	Figure Dimensions					Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46* Series	
YAG29LTC516FXTZ	250 kcmil	4/0 AWG G,H,I,K,M DLO	—	5/16	1.18	1.03	0.16	2.33	0.80	Yellow	16		W29VT (2)‡ W29RT (2)‡ X29RT (4)	U29RT	1-1/16
YAG29LTC38FXTZ				3/8	1.18	1.03	0.16	2.45	0.80						
YAG32LTC58FXTZ	—	350 kcmil D,H,I,K,M DLO 313	185	5/8	1.40	1.19	0.19	3.22	0.95	Red	18		W31VT (2)‡ W31RT (2)‡	U31RT (2)	1-1/4
YAG34LTC516FXTZ	—	350 kcmil G,H,I,K,M DLO 373	240	5/16	1.55	1.27	0.23	2.78	1.06	Blue	19	81K Series 644 Series 444 Series	W32VT (2)‡ W32RT (2)‡	U32RT (2)	1-5/16
YAG34LTC516N66FXTZ				5/16	1.54	1.27	0.23	3.09	1.06						
YAG34LTC38FXTZ				3/8	1.55	1.27	0.23	2.91	1.06						
YAG34LTC12FXTZ				1/2	1.55	1.27	0.23	3.16	1.06						
YAG38LTC58FXTZ	—	500 kcmil H,I,K 550 kcmil G,H,I DLO 535	300	5/8	1.84	1.45	0.27	3.71	1.25	Pink	L99		U38XRT (2)	1-7/16	
YAG40LTC12FXTZ	—	650 kcmil G DLO 646	400	1/2	1.96	1.42	0.30	3.48	1.35	Black	24	81K Series (2) 644 Series 444 Series	—	U39RT (2)	1-5/16

Copper, Flex, 2-Hole, Std. Barrel, Tin-Zinc Plated, No Skive

TYPE YAG-2L-FXTZ HYTIN-ZCLAD™

Uninsulated Copper Compression Terminal, Tin-Zinc Plated UL Listed 90° C, Up to 35 kV ♦

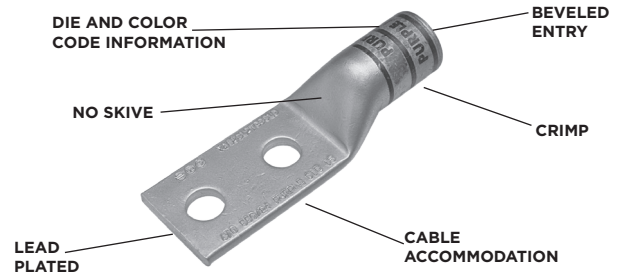
45° and 90° angles available. Please contact Customer Service to order: 1-800-346-4175

Features & Benefits

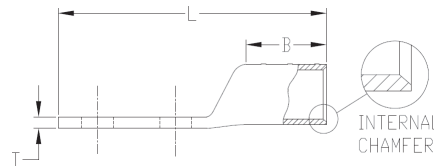
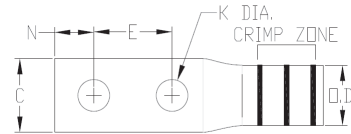
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Tin-Zinc plated for battery connectors or other heavy duty equipment, to reduce the corrosion from lead/acid batteries
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 250 kcmil accommodate both Flex and Code Wire. See Tables on each page for specific details
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

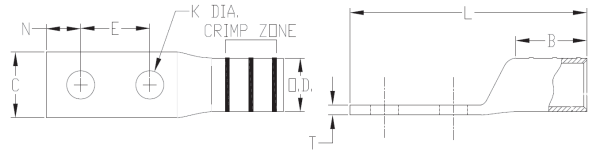


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Copper, Flex, 2-Hole, Std. Barrel, Tin-Zinc Plated, No Skive

TYPE YAG-2L-FXTZ (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adapter with U dies in 46 Series Crimp Tools

** P-RT die sets are for use in 46 Series ONLY. No adapter required

***Y122CMR tool for use on 10 AWG - 2 AWG wire sizes ONLY

****Y1MRTC tool for use on 8 AWG - 1 AWG wire sizes ONLY

† Due to the handle force requirements to crimp a connector, this die is not recommended for manual crimp tools

● The MM² conductor sizes listed are the recommendations for Class 5 conductor

† The MM² conductor sizes listed are the recommendations for Class 2 and Class 5 conductor

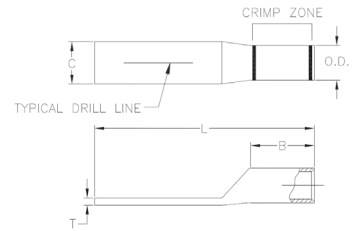
Catalog Number	Conductor			Stud Size	Figure Dimensions						Installation Tooling (# Crimps if over 1)					Wire Strip Length (IN)
	Code	Flex	Metric MM ² ●		Hole Spacing (E&F)	Pad Width (C)	Barrel Length (B)	Pad Thickness (T)	Overall Length (L)	Outside Dia. (OD)	Color Code	Die Index	Dieless	MD6, MD7, 500 Series	35, 750, 46 ⁺ Series	
YAG8CL2TC14FXTZ	8 AWG 6 Sol 8 Sol	8 AWG G,H,I,K,M DLO	† 10	1/4	5/8	0.44	0.44	0.08	1.95	0.27	Red	49	MRC840 MY29 Series Y8MRB1 Y122CMR Y1MRTC	W8CVT W8CRT X8CRT	U8CRT	7/16
YAG8CL2TC14E1FXTZ				1/4	1.00	0.44	0.44	0.08	2.33	0.27						
YAG6CL2TC14FXTZ	6 AWG	6 AWG G,H,I,K,M DLO	† 16	1/4	5/8	0.48	0.50	0.08	2.06	0.31	Blue	7	MY29 Series Y122CMR Y1MRTC 81K Series	W5CVT W5CRT X5CRT	U5CRT	1/2
YAG4CL2TC14FXTZ	4 AWG	4 AWG G,H,I,K,M DLO	—	1/4	5/8	0.55	0.50	0.09	2.11	0.38	Gray	8	MY29 Series Y122CMR (2) Y1MRTC (2) 81K Series	W4CVT W4CRT X4CRT	U4CRT	1/2
YAG2CL2TC14FXTZ	2 AWG	2 AWG G,H,I,K,M DLO	35	1/4	5/8	0.68	0.63	0.10	2.28	0.46	Brown	10	81K Series 644 Series 444 Series	W2CVT W2CRT X2CRT	U2CRT	11/16
YAG2CL2NTCFXTZ				1/2	1-3/4	0.83	0.63	0.08	4.03	0.46						
YAG26L2NTCFXTZ	2/0 AWG	2/0 AWG G,H,I,K,M DLO	70	1/2	1-3/4	0.93	0.81	0.13	4.33	0.63	Black	13	MY29 Series 81K Series 644 Series 444 Series	W26VT (2)± W26RT (2)± X26RT (2)	U26RT	13/16
YAG27L2NTCFXTZ	3/0 AWG	3/0 AWG G,H,I,K,M DLO	95	1/2	1-3/4	1.03	1.00	0.14	4.56	0.70	Orange	14		W27VT (2)± W27RT (2)± X27RT (3)	U27RT	1
YAG28L2TC516FXTZ	4/0 AWG	4/0 AWG G,H,I,K,M DLO	120	5/16	1.00	1.14	1.03	0.15	3.33	0.77	Purple	15	81K Series 644 Series 444 Series	W28VT (2)± W28RT (2)± X28RT (3)	U28RT	1-1/16
YAG28L2TC38FXTZ				3/8	1.00	1.14	1.03	0.15	3.46	0.77						
YAG28L2NT38FXTZ				3/8	1.00	0.94	1.03	0.17	3.48	0.77						
YAG28L2TC38FXDFTZ				3/8	1.00	1.14	1.03	0.15	3.46	0.77						
YAG28L2NTCFXTZ				1/2	1-3/4	1.14	1.03	0.15	4.65	0.77						
YAG29L2TC38FXTZ	250 kcmil	4/0 AWG G,H,I,K,M DLO	—	3/8	1.00	1.18	1.03	0.16	3.43	0.80	Yellow	16	81K Series 644 Series 444 Series	W29VT (2)± W29RT (2)± X29RT (4)	U29RT	1-1/16
YAG29L2NT38FXTZ				3/8	1.00	0.94	1.03	0.16	3.48	0.80						
YAG29L2NT38FX90TZ				3/8	1.00	0.94	1.03	0.16	2.36	0.80						
YAG29L2NTCFXTZ				1/2	1-3/4	1.18	1.03	0.16	4.65	0.80						
YAG31L2NTC38FXTZ	—	250 kcmil I,K,M DLO 262	150	3/8	1-3/4	1.29	1.06	0.18	3.54	0.88	White	17	81K Series 644 Series 444 Series	W30VT (2)± W30RT (2)±	U30RT (2)	1-1/8
YAG34L2TC38FXTZ	—	350 kcmil G,H,I,K,M DLO 373	240	3/8	1.00	1.55	1.27	0.23	3.92	1.06	Blue	19		W32VT (2)± W32RT (2)±	U32RT (2)	1-5/16
YAG34L2NTCFXTZ	—	350 kcmil G,H,I,K,M DLO 373	240	1/2	1-3/4	1.55	1.27	0.23	5.11	1.06	Blue	19	—	—	—	—
YAG38L2TC12FXTZ	—	500 kcmil H,I,K 550 kcmil G,H,I DLO 535	300	1/2	1-1/4	1.82	1.45	0.27	4.72	1.25	Pink	20	—	—	U38XRT (2)	1-3/8
YAG38L2NTCFXTZ				1/2	1-3/4	1.82	1.45	0.27	5.40	1.25						
YAG40L2NNTFXTZ	—	650 kcmil G DLO 646	400	1/2	1-3/4	1.63	1.42	0.30	5.43	1.35	Black	24	81K Series (2) 644 Series 444 Series	—	U39RT (2)	1-5/16
YAG44L2TC38FXTZ	—	750 kcmil G,H DLO 777	500	3/8	1.00	2.18	1.65	0.33	4.80	1.50	Yellow	L115		—	U44XRT (2) P44XRT (2)	1-5/8
YAG44L2NTCFXTZ	—	750 kcmil G,H DLO 777	500	1/2	1-3/4	2.18	1.65	0.33	5.80	1.50						

Copper, Code, Blank Tongue, Long Barrel, No Skive

TYPES YA-2NU, YA-4NU, Blank Tongue HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

The Blank Tongue line of copper code HYLUG™ terminals are designed to provide maximum field flexibility. Scored lines prevent the drill from walking when trying to drill in this area. This innovative design allows the installer to customize the tongue drilling to fit their specific application while maintaining UL Listing and CSA Certification.



Features & Benefits

- Manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness
- Internally beveled barrel end
- Proper compression systems form a highly efficient electrical connection
- Dimples located at each end of the scored line represent the location of the NEMA standard hole spacing
- Scored line locates the center of the tongue and prevents the drill from walking when trying to drill in this area
- Offered a wide range of code conductor sizes
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

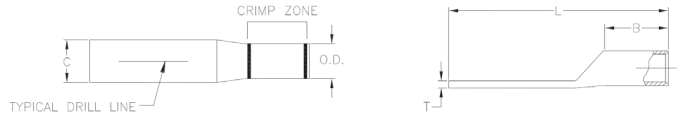


*Notes: All dimensions shown are for reference only.
 * Use PUADPI adaptor with U dies in 46 Series Tools
 ** Minimum bolt size must be maintained for UL & CSA
 ***The MM² conductor sizes listed are the recommendations for Class 2 conductor
 † Requires Y60BHU HYPRESS™
 ♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.*

Catalog Number	Conductor		Min. Bolt Hole**	Tongue Width	Figure Dimensions			Installation Tooling (# of crimps)					Wire Strip Length (IN)	
	AWG	*** MM ²			B	T	L	Dieless	MD6, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index
YA8C2NU	8 AWG 6 Sol 8 Sol 8 Weld	—	#10	0.83	0.81	0.12	4.08	Y1MRTC (2) Y122CMR (2) MY29 Series (1)	W8CRT (1) W8CRT (1) X8CRT (2)	W8CRT (1)	U8CRT (1) U8CRT (1)	Red	49	7/8
YA6C2NU	6 AWG 6 Sol.	—	#10	0.83	1.12	0.12	4.40	Y1MRTC (2) Y122CMR (2) MY29 Series (1) MRC840 (2) 81K Series (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-3/16
YA5C2NU	5 AWG	16	—	0.83	1.12	0.12	4.43	MY29 Series (2) MRC840 (2) 81K Series (1)	W5CRT (2) W5CVT (2) X5CRT (2)	X5CRT (2) X5CVT (2) W5CRT (2)	U5CRT (2)	Blue	7	1-3/16
YA4C2NU	4 AWG	—	#10	0.83	1.12	0.12	4.45	Y1MRTC (4) Y122CMR (4) MY29 Series (2) MRC840 (2)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-3/16
YA3C2NU	3 AWG 2 Sol.	25	1/4	0.83	1.25	0.12	4.62	644 Series (1) 444 Series (1) 81K Series (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16
YA2C2NU	2 AWG	35	1/4	0.83	1.25	0.12	4.64	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16
YA1C2NU	1 AWG	50	1/4	0.83	1.38	0.12	4.82	644 Series (1) 444 Series (1) 81K Series (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11	1-7/16

Copper, Code, Blank Tongue, Long Barrel, No Skive

TYPES YA-2NU, YA-4NU (Continued)



Notes: All dimensions shown are for reference only.

* Use PUADP1 adaptor with U dies in 46 Series Tools

** Minimum bolt size must be maintained for UL & CSA

***The MM² conductor sizes listed are the recommendations for Class 2 conductor

† Requires Y60BHU HYPRESS™

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Catalog Number	Conductor		Min. Bolt Hole**	Tongue Width	Figure Dimensions			Installation Tooling (# of crimps)						Wire Strip Length (IN)
	AWG	*** MM ²			B	T	L	Dieless	MD6, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA252NU	1/0 AWG	—	1/4	0.83	1.38	0.11	4.81	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16
YA262NU	2/0 AWG	70	1/4	0.83	1.50	0.12	4.97		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16
YA272NU	3/0 AWG	—	1/4	0.91	1.50	0.13	5.01		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16
YA282NU	4/0 AWG	—	1/4	1.02	1.62	0.14	5.17		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16
YA292NU	250 kcmil	120	1/4	1.11	1.62	0.16	5.21	MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16
YA302NU	300 kcmil	150	1/4	1.20	2.00	0.16	5.64	644 Series (1) 444 Series (1) 81K Series (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17	2-1/16
YA312NU	350 kcmil	185	1/4	1.29	2.00	0.18	5.68		W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18	2-1/16
YA322NU	400 kcmil	—	3/8	1.40	2.12	0.19	5.85		W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16
YA342NU	500 kcmil	240	3/8	1.55	2.25	0.22	6.06	644 Series (1) 444 Series (1) 81K Series (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (4)	Brown	20 or 299	2-5/16
YA362NU	600 kcmil	300	3/8	1.73	2.69	0.26	6.59	—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4	
YA392NU	750 kcmil	375	3/8	1.91	2.88	0.27	6.87	644 Series (1) 444 Series (1) 81K Series (3)	—	—	U39RT (4) P39RT (4)	Black	24	2-15/16
YA402NU	800 kcmil	400	3/8	1.98	2.94	0.30	6.95		—	—	P40RT (4)	Orange	25	3
YA442NU	1000 kcmil	500	3/8	2.18	3.00	0.32	7.14		—	—	P44RT (4)	White	27	3-1/16
YA452NU	1250 kcmil	—	3/8	2.46	3.19	0.38	7.44	—	—	P45RT (6)	Yellow	29	3-1/4	
YA462NU	1500 kcmil	800	3/8	2.69	3.19	0.40	7.55	—	—	P46RT (6)	Green	31	3-1/4	
YA472NU	1750 kcmil	—	3/8	2.90	3.44	0.42	7.89	—	—	—	Gray	33	3-1/2	
YA482NU	2000 kcmil	1000	3/8	3.10	3.44	0.46	7.98	—	—	—	Brown	34	3-1/2	
YA444NU	1000 kcmil	500	3/8	3.00	3.00	0.23	7.14	644 Series (1) 444 Series (1) 81K Series (3)	—	—	P44RT	White	27	3-1/16
YA454NU	1250 kcmil	—	3/8	3.00	3.19	0.30	7.44	—	—	P45RT	Yellow	29	3-1/4	
YA464NU	1500 kcmil	800	3/8	3.00	3.19	0.34	7.55	—	—	P46RT	Green	31	3-1/4	

Copper, Code / Flex, Slotted, Standard Barrel, Inspection Window

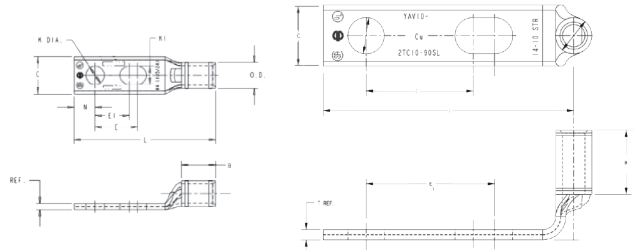
TYPES YA-L2TC-SL, YAV-L2TC-FXSL HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

Compression slotted lugs connect copper or tinned copper conductors to bus bars, CPI racks, cabinets or cable runway. Slotted and 90° slotted lugs have one round and one oblong hole to match hole spacing on equipment mounting rails on CPI racks and cabinets and on some bus bars.

Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Short/standard length barrel is recommended for installations with limited space requirements
- One hole with slotted second hole tongue/tang offers additional flexibility over a standard 2-hole tongue/tang as the slot provides the installer with multiple mounting hole alignments options. The 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Notes:

All dimensions shown are for reference only.

* Denotes 90° angle

** Use PUADPI adaptor with U dies in 46 Series tools

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Catalog Number	Cond. Size	Stud Hole Size	Tongue Width	Figure Dimensions					Installation Tooling (# of crimps)					Wire Strip Length (IN)	
				(B)	(T)	(L)	(E)	(E1)	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Color Code		Die Index
YA6CL2TC14E2SL	#6 AWG G,H,I,K,M DLO	1/4	0.45	0.81	0.08	2.47	0.62	0.75	MY29 Series (1)	W5CRT (1) W5CVT (1) X5CRT (1) X8CART (1)	W5CRT (1) W5CVT (1)	U5CRT (1) U8CABT (1)	Blue	7 or 374	7/8
YAV6CL2TC10FX90SL*	#6 AWG	#10	0.48	0.50	0.08	1.54	0.62	0.75							
YAV4CL2TC14FXSL	#4 AWG G,H,I,K,M DLO #4 AWG	1/4	0.55	0.50	0.09	2.08	0.50	0.62	MY29 Series (1) 644 Series (1) 444 Series (1) 81K Series (1)	W4CRT (1) W4CVT (1) X4CRT (1)	W4CRT (1) W4CVT (1) X4CRT (1)	U4CRT (1)	Gray	8	9/16
YAV4CL2TC38FXSL		3/8	0.58	0.50	0.08	2.68	0.75	1.00							9/16
YAV2CL2TC14FXSL	#2 AWG G,H,I,K,M DLO #2 AWG	1/4	0.68	0.62	0.10	2.26	0.50	0.62		W2CRT (1) W2CVT (1) X2CRT (1)	W2CRT (1) W2CVT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16
YAV2CL2TC38FXSL		3/8	0.68	0.62	0.10	2.82	0.75	1.0							11/16
YA44L2NNTFXSL	750 kcmil G,H DLO 777	5/8	1.63	1.65	0.33	5.74	1.58	1.75	644 Series (1) 444 Series (1) 81K Series (2)	—	—	U44XRT (2)	Yellow	L115	1-2/3

Copper, Code, Slotted, Long Barrel, No Skive

TYPE YA-2TC-SL HYLUG™

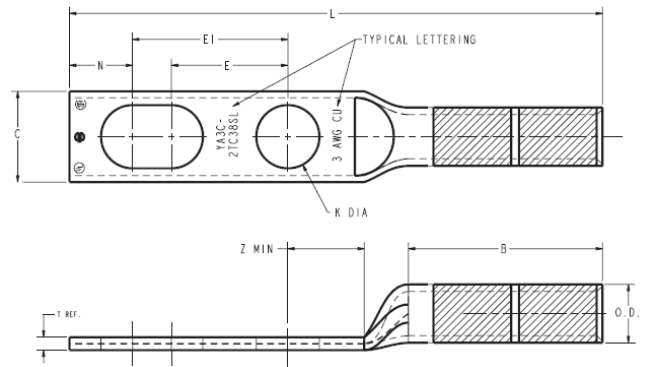
Uninsulated Copper Compression Terminal
UL Listed 90° C, Up to 35 kV ♦

Compression slotted lugs connect copper or tinned copper conductors to bus bars, CPI racks, cabinets or cable runway. Slotted and 90° slotted lugs have one round and one oblong hole to match hole spacing on equipment mounting rails on CPI racks and cabinets and on some bus bars.



Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- One hole with slotted second hole tongue/tang offers additional flexibility over a standard 2-hole tongue/tang as the slot provides the installer with multiple mounting hole alignments options. The 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Notes:

All dimensions shown are for reference only.
 ** Use PUADP1 adaptor with U dies in 46 Series tools
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Catalog Number	Wire Size	Stud Hole Size	Tongue Width	Figure Dimensions					Installation Tooling (# of crimps)					Wire Strip Length (IN)	
				(B)	(T)	(L)	(E)	(E1)	Dieless	MD6, MD734R	500 Series	35, 750, 46° Series	Color Code		Die Index
YA6C2TC38SL	6 AWG	3/8	0.58	1.12	0.06	3.22	0.75	1	MY29 Series (1)	W5CRT (2)	W5CVT (2)	U8CABT (2)	Blue	7374	1-3/16
YA6C2TC38SLBOX500		3/8	0.58	1.12	0.06	3.22	0.75	1		W3CRT (2)	W3CVT (2)	U3CRT (2)	White	9	
YA3C2TC38SL	3 AWG	3/8	0.58	1.25	0.08	3.43	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1) 81K Series (1)	W3CRT (2)	W3CVT (2)	U3CRT (2)	White	9	1-5/16
YA3C2TC38SLBOX500		3/8	0.58	1.25	0.08	3.43	0.75	1		W2CRT (2)	W2CVT (2)	U2CRT (2)	Brown	10	
YA2C2TC38SL	2 AWG	3/8	0.60	1.25	0.11	3.42	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W2CRT (2)	W2CVT (2)	U2CRT (2)	Brown	10	1-5/16
YA2C2TC38SLBOX500		3/8	0.60	1.25	0.11	3.42	0.75	1		W2CRT (2)	W2CVT (2)	U2CRT (2)	Brown	10	

Copper, Code, Slotted, Long Barrel, Inspection Window

TYPE YAZ-2TC-SL HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

Compression slotted lugs connect copper or tinned copper conductors to bus bars, CPI racks, cabinets or cable runway. Slotted and 90° slotted lugs have one round and one oblong hole to match hole spacing on equipment mounting rails on CPI racks and cabinets and on some bus bars.



Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strengths of the connection
- One hole with slotted second hole tongue/tang offers additional flexibility over a standard 2-hole tongue/tang as the slot provides the installer with multiple mounting hole alignments options. The 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

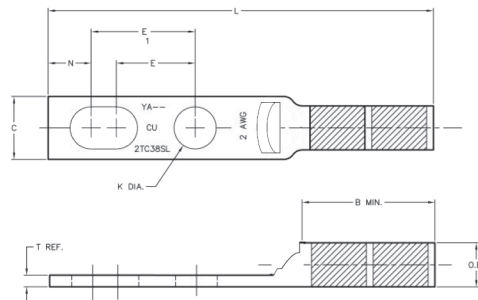


Fig. 1

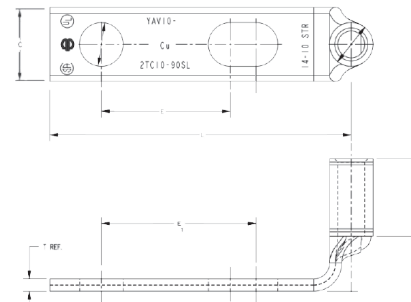


Fig. 2

Notes:

All dimensions shown are for reference only.
 * Denotes 90° angle
 ** Use PUADP1 adaptor with U dies in 46 Series tools
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Catalog Number	Wire Size	Stud Hole Size	Fig.	Tongue Width	Figure Dimensions					Installation Tooling (# of crimps)					Wire Strip Length (IN)	
					(B)	(T)	(L)	(E)	(E1)	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Color Code		Die Index
YAZ8C2TC10SL	8 AWG	#10	1	0.41	0.75	0.08	2.21	0.62	0.75	MY29 Series (1)	W8CRT (2)	W8CRT (2)	U8CRT (2)	Red	49	13/16
YAZ8C2TC1090SL		#10		0.41	0.75	0.08	1.50	0.62	0.75		W8CVT (2) X8CRT (2)					
YAZ3C2TC38SL	3 AWG	3/8	2	0.58	1.25	0.08	3.39	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16
YAZ3C2TC38SLBOX500		3/8		0.60	1.25	0.11	3.41	0.75	1		W2CRT (2) W2CVT (2)					
YAZ2C2TC38SL	2 AWG	3/8	2	0.60	1.25	0.11	3.41	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W2CRT (2)	W2CRT (2)	U2CRT (2)	Brown	10	1-5/16
YAZ2C2TC38SLBOX500		3/8		0.60	1.25	0.11	3.42	0.75	1		W2CVT (2)					

Copper, Flex, Slotted, Long Barrel, Inspection Window

TYPE YAZV-2TC-FXSL HYLUG™

Uninsulated Copper Compression Terminal UL Listed 90° C, Up to 35 kV ♦

Compression slotted lugs connect copper or tinned copper conductors to bus bars, CPI racks, cabinets or cable runway. Slotted and 90° slotted lugs have one round and one oblong hole to match hole spacing on equipment mounting rails on CPI racks and cabinets and on some bus bars.



Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strengths of the connection
- One hole with slotted second hole tongue/tang offers additional flexibility over a standard 2-hole tongue/tang as the slot provides the installer with multiple mounting hole alignments options. The 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Notes:

All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

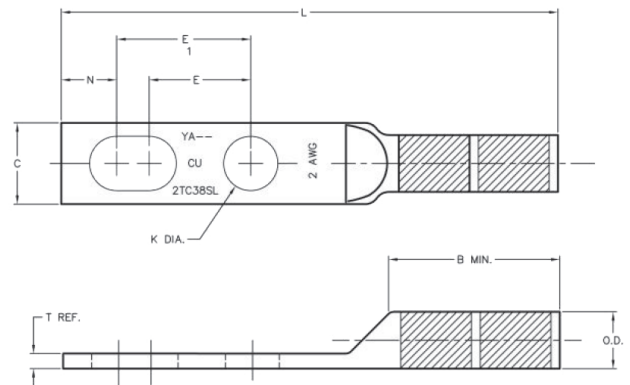


Fig. 1

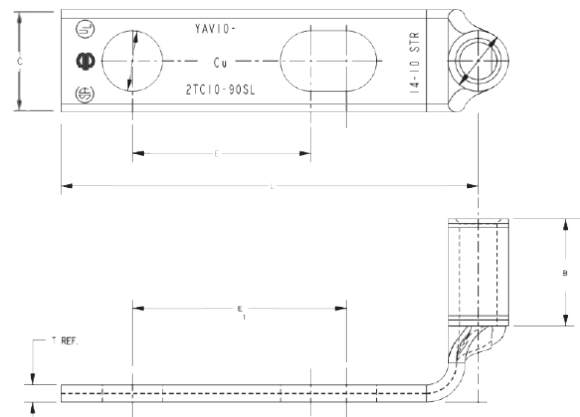


Fig. 2

Copper, Flex, Slotted, Long Barrel, Inspection Window

TYPE YAZV-2TC-FXSL (Continued)



Notes: All dimensions shown are for reference only.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* Denotes 90° Angle

** Use PUADPT Adaptor with U dies in 46 Series of tools

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Catalog Number	Cond. Size	Stud Hole Size	Fig.	Tongue Width	Figure Dimensions					Installation Tooling (# of crimps)					Wire Strip Length (IN)	
					(B)	(T)	(L)	(E)	(EI)	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Color Code		Die Index
YAZV102TC14SL	14 - 10 AWG	1/4	2	0.41	0.69	0.05	2.28	0.62	0.75	Y8MRB1 (1)	-	-	-	-	-	3/4
YAV102TC1090SL*		#10	1	0.36	0.38	0.06	1.46	0.63	0.75							7/16
YAZV6C2TC38FXSLBOX500	6 AWG G,H,I,K,M DLO	3/8	1	0.58	1.12	0.08	3.22	0.63	1	MY29 Series (1)	W5CRT (2) W5CVT (2)	W5CRT (2) W5CVT (2)	U8CABT (2)	Blue	7 or 374	1-3/16
YAZV6C2TC38FXSL		3/8	1	0.58	1.12	0.08	3.22	0.63	1							
YAZV6C2TC14FXSLBOX500	6 AWG	1/4	1	0.58	1.12	0.08	3.22	0.63	1	MY29 Series (1)	W4CRT (2) W4CVT (2)	W4CRT (2) W4CVT (2)	U4CRT (2)	Gray	8 or 346	1-5/16
YAZV6C2TC14FXSL		1/4	1	0.58	1.12	0.08	3.22	0.63	1							
YAZV6C2TC10FX90SL	4 AWG G,H,I,K,M DLO	#10	1	0.48	0.75	0.08	1.50	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1) 81K Series (1)	W4CRT (2) W4CVT (2) X4CRT (2)	W4CRT (2) W4CVT (2) X4CRT (2)	U4CRT (2)	Gray	8 or 346	1-5/16
YAZV4C2TC14FXSL		1/4	1	0.55	1.25	0.09	2.95	0.63	1							
YAZV4C2TC14FXSLBOX500	4 AWG	1/4	1	0.55	1.25	0.09	2.95	0.63	1	MY29 Series (1) 644 Series (1) 444 Series (1) 81K Series (1)	W4CRT (2) W4CVT (2) X4CRT (2)	W4CRT (2) W4CVT (2) X4CRT (2)	U4CRT (2)	Gray	8 or 346	1-5/16
YAZV4C2TC38FXSL		3/8	1	0.55	1.25	0.09	2.95	0.63	1							
YAZV4C2TC38FXSLBOX500	2 AWG G,H,I,K,M DLO	3/8	1	0.60	1.25	0.11	3.42	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W2CRT (2) W2CVT (2)	W2CRT (2) W2CVT (2)	U2CRT (2)	Brown	10	1-9/16
YAZV2C2TC14FXSL		1/4	1	0.60	1.25	0.11	3.42	0.75	1							
YAZV2C2TC14FXSLBOX500	2 AWG	1/4	1	0.60	1.25	0.11	3.42	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W2CRT (2) W2CVT (2)	W2CRT (2) W2CVT (2)	U2CRT (2)	Brown	10	1-9/16
YAZV2C2TC38FXSL		3/8	1	0.60	1.25	0.11	3.42	0.75	1							
YAZV2C2TC38FXSLBOX500	1/0 AWG G,H,I,K,M DLO	3/8	1	0.60	1.25	0.11	3.42	0.75	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W25RT (4) W25VT (4) X25RT (4)	W25RT (4) W25VT (4) X25RT (4)	U25RT (2)	Pink	12	1-9/16
YAZV252TC14FXSL		1/4	1	0.83	1.50	0.12	3.44	0.63	1							
YAZV252TC14FXSLBOX500	1/0 AWG	1/4	1	0.83	1.50	0.12	3.44	0.63	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W25RT (4) W25VT (4) X25RT (4)	W25RT (4) W25VT (4) X25RT (4)	U25RT (2)	Pink	12	1-9/16
YAZV252TC38FXSL		3/8	2	0.83	1.50	0.12	3.44	0.63	1							
YAZV252TC38FXSLBOX500	2/0 AWG G,H,I,K,M DLO	3/8	2	0.83	1.50	0.12	3.44	0.63	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W26RT (4) W26VT (4) X26RT (4)	W26RT (4) W26VT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16
YAZV262TC14FXSL		1/4	1	0.93	1.50	0.13	3.58	0.63	1							
YAZV262TC14FXSLBOX500	2/0 AWG	1/4	1	0.93	1.50	0.13	3.58	0.63	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W26RT (4) W26VT (4) X26RT (4)	W26RT (4) W26VT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16
YAZV262TC38FXSL		3/8	1	0.93	1.50	0.13	3.58	0.63	1							
YAZV262TC38FXSLBOX500	4/0 AWG G,H,I,K,M DLO	3/8	1	0.93	1.50	0.13	3.58	0.63	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16
YAZV282TC14FXSL		1/4	1	1.14	1.62	0.15	3.64	0.63	1							
YAZV282TC14FXSLBOX500	4/0 AWG	1/4	1	1.14	1.62	0.15	3.64	0.63	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16
YAZV282TC38FXSL		3/8	1	1.14	1.62	0.15	3.64	0.63	1							
YAZV282TC38FXSLBOX500	4/0 AWG	3/8	1	1.14	1.62	0.15	3.64	0.63	1	MY29 Series (1) 644 Series (1) 444 Series (1)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16

Copper, Code, Split Tongue, Standard Barrel, Inspection Window

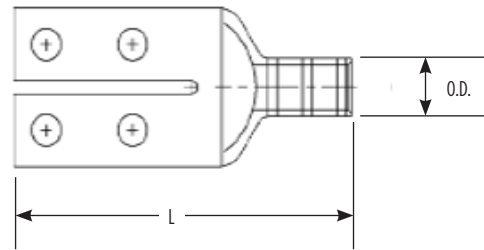
TYPES YA-L-4TC, YAV-L-4TC-FX HYLUG™

Uninsulated Copper Compression Terminal
UL Listed 90° C, Up to 35 kV ♦



Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Split feature in the tongue/tang is used when connecting two separate terminal blocks for the same phase; the slot provides the needed equipment gap while allowing the proper mounting hole alignment
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Short/standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Notes:

All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Catalog Number	Wire Size	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Installation Tooling					Wire Strip Length (IN)	
					(B)	(T)	(L)	Dieless (# of crimps)	MD6, MD734R	500 Series	35, 750, 46** Series	Color Code		Die Index
YA25L4TCG1	1/0 AWG	1/4	0.62	1.38	0.88	0.11	3.05	MY29 Series (1) 644 Series (1) 444 Series (1)	X25RT (2) W25RT (2) W25VT (2)	X25RT (2) W25RT (2) W25VT (2)	U25RT (1) U2CABT (1)	Pink	12 or 348	15/16
YA26L4TCG1	2/0 AWG	1/4	0.62	1.38	0.94	0.21	3.15		X26RT (2) W26RT (2) W26VT (2)	X26RT (2) W26RT (2) W26VT (2)	U26RT (1) U26D1 (1)	Black	13	1
YA27L4TCG1	3/0 AWG	1/4	0.62	1.38	1.00	0.21	3.25		X27RT (3) W27RT (2) W27VT (2)	X27RT (3) W27RT (2) W27VT (2)	U27RT (1) U27D1 (1)	Orange	14	1-1/16
YA28L4TCG1	4/0 AWG	1/4	0.62	1.38	1.00	0.21	3.29		X28RT (3) W28RT (2) W28VT (2)	X28RT (3) W28RT (2) W28VT (2)	U28RT (1) U28D1 (1)	Purple	15	1-1/8
YAV28L4TCG1		1/4	0.62	1.38	1.00	0.21	3.29		U28RT (1)	Purple	15	11/16		
YA29L4TCG1	250 kcmil	1/4	0.62	1.38	1.06	0.21	3.39		X29RT (4) W29RT (2) W29VT (2)	X29RT (4) W29RT (2) W29VT (2)	U29RT (1) U29D1 (1)	Yellow	16	1-1/8
YA31L4TCG1	350 kcmil	1/4	0.62	1.38	1.06	0.21	3.46		W31RT (2) W31VT (2)	W31RT (2) W31VT (2)	U31RT (2) U29ART (2)	Red	18 or 324	1-1/8

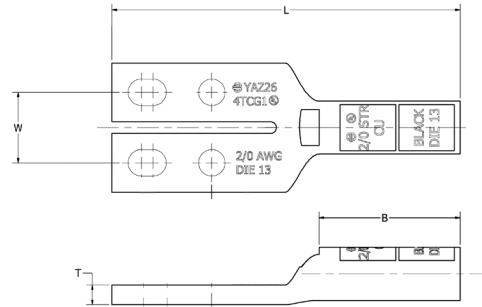
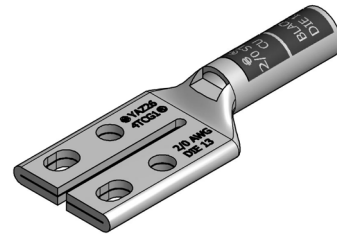
Copper, Code, Split Tongue, Long Barrel, Inspection Window

TYPES YAZ-4TC HYLUG™

Uninsulated Copper Compression Terminal
UL Listed 90° C, Up to 35 kV ♦

Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Split feature in the tongue/tang is used when connecting two separate terminal blocks for the same phase; the slot provides the needed equipment gap while allowing the proper mounting hole alignment
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strengths of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Notes:

All dimensions shown are for reference only.

** Use PUADP1 adaptor with U dies in 46 Series of tools

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Catalog Number	Wire Size	Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length (IN)
					(B)	(T)	(L)	Dieless (# of crimps)	MD6, MD734R	500 Series	35, 750, 46** Series	Color Code	Die Index	
YAZ254TCG1	1/0 AWG	1/4	0.62	1.38	1.38	0.11	3.55	MY29 Series (1) 644 Series (1) 444 Series (1)	X25RT (1)	X25RT (1)	U25RT (2)	Pink	12 or 348	1-7/16
YAZ254TC38E1G1		3/8	1.00	1.63	1.38	0.11	3.93		W25RT (1)	W25RT (1)	U2CABT (2)			
YAZ264TC38E1G1	2/0 AWG	3/8	1.00	1.63	1.50	0.21	4.09		X26RT (2)	X26RT (2)	U26RT (2)	Black	13	1-9/16
YAZ264TCG1		1/4	0.62	1.38	1.50	0.21	3.71		W26RT (2)	W26RT (2)	U26D1 (2)			
YAZ284TCG1	4/0 AWG	1/4	0.62	1.38	1.62	0.21	3.91		X28RT (3)	X28RT (3)	U28RT (1)	Purple	15	1-11/16
YAZ294TCG1	250 kcmil	1/4	0.62	1.38	1.62	0.21	3.94		X29RT (4)	X29RT (4)	U29RT (2)	Yellow	16	1-11/16
									W29RT (2)	W29RT (2)	U29D1 (2)			
YAZ314TCG1	350 kcmil	1/4	0.62	1.38	2.00	0.21	4.39		W31RT (2)	W31RT (2)	U31D1 (2)	Red	18 or 324	2-1/16
									W31VT (2)	W31VT (2)	U29ART (2)			

Copper, Code, 1-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-M HYLUG™

Uninsulated Copper Compression Terminal Rated for 90° C, Up to 35 kV ♦

Made from electrolytic copper tube and is electro-tin plated. Wire range is from 2.5 mm² to 630 mm² Class 2. Compatible to IEC61238-1.

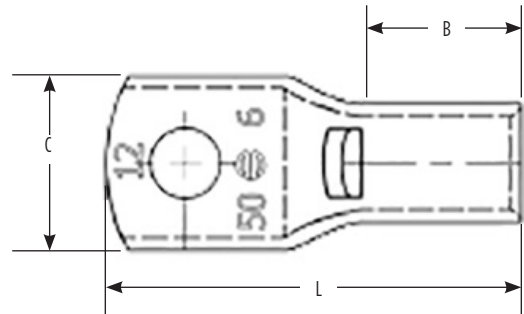
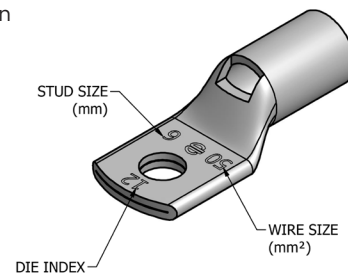
Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Short/standard length barrel is recommended for installation with limited space requirements
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Connectors are clearly marked with stamping
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Electro-Tin
Plated



Notes:

All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Copper, Code, 1-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-M (Continued)

Notes:

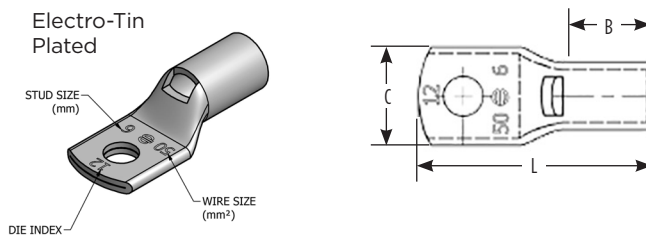
All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required



Catalog Number	Copper		Stud Size	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
	Wire Range mm2 (AWG)	Class		(B)	(C)	(L)	Tongue Thickness	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YAV025M3	1.5 - 2.5 (20 - 14)	2, 5	M3	6.7	7.9	19.1	1.0	Y10D (1) MR8G98 (1) MR89Q (1) Y8MRB1 (1) MR20 (1)	-	-	-	-	7
YAV025M4			M4	6.7	7.9	19.1	1.0						
YAV025M5			M5	6.7	7.9	19.1	1.0						
YAV025M6			M6	6.7	10.7	24.2	0.8						
YAV025M8			M8	6.7	11.0	24.2	0.8						
YAV06M35	4 - 6 (12 - 10)	2, 5	M3.5	10.5	7.6	23.7	1.8	-	-	-	-	11	
YAV06M4			M4	10.4	9.5	23.9	1.5						
YAV06M5			M5	10.4	9.5	23.9	1.5						
YAV06M6			M6	10.4	11.9	26.9	1.3						
YAV06M8			M8	10.4	13.5	28.7	1.0						
YAV06M10	M10	9.5	14.2	31.0	1.0	Y1MRTC (1) MY2911 (1) MRC840 (1) 81K Series (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	49	11		
YAV10M4	M4	11.2	10.4	29.1	2.0								
YAV10M5	M5	11.2	10.4	28.5	1.8								
YAV10M6	M6	11.2	1.0	31.0	1.8								
YAV10M8	M8	11.2	13.2	33.0	1.5								
YAV10M10	M10	11.2	14.5	33.0	1.3								
YAV10M12	M12	11.2	18.5	38.6	1.3	Y1MRTC (1) MY2911 (1) MRC840 (1) 81K Series (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	7	13		
YAV16M4	M4	12.7	12.2	31.5	2.3								
YAV16M5	M5	12.7	12.2	33.0	2.0								
YAV16M6	M6	12.7	12.2	33.0	2.0								
YAV16M8	M8	12.7	15.2	36.3	1.5								
YAV16M10	M10	12.7	14.7	40.9	1.5								
YAV16M12	M12	12.7	18.8	41.6	1.3	Y1MRTC (2) MY2911 (1) MRC840 (1) 644 Series (1) 444 Series (1) 81K Series (1)	W3CRT (1)	W3CRT (1)	U3CRT (1)	9	13		
YAV25M5	M5	12.7	14.0	33.5	2.3								
YAV25M6	M6	12.7	12.7	34.5	2.0								
YAV25M8	M8	12.7	16.0	37.6	2.0								
YAV25M10	M10	12.7	14.7	41.4	2.0								
YAV25M12	M12	12.7	18.5	42.7	1.5	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	10	17			
YAV35M5	M5	16.0	17.3	38.1	2.5								
YAV35M6	M6	11.7	17.3	43.7	2.5								
YAV35M8	M8	11.7	17.3	43.7	2.5								
YAV35M10	M10	11.7	17.3	45.9	2.5								
YAV35M12	M12	11.7	19.6	47.5	2.3								
YAV35M16	M16	11.7	21.1	58.7	3.0	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	12	17		
YAV50M5	M5	16.0	17.3	38.1	2.5								
YAV50M6	M6	16.0	17.3	38.1	2.5								
YAV50M8	M8	16.0	17.3	42.9	2.5								
YAV50M10	M10	16.0	17.3	45.9	2.5								
YAV50M12	M12	16.0	18.5	52.3	2.5								
YAV50M14	M14	16.0	21.1	53.3	3.0								
YAV50M16	M16	16.0	25.9	58.7	3.6								

Copper, Code, 1-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-M (Continued)

Notes:

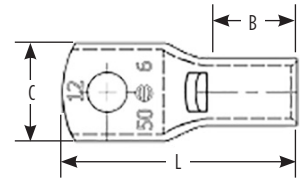
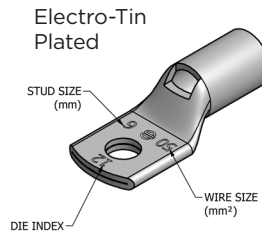
All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required



Catalog Number	Copper		Stud Size	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
	Wire Range mm2 (AWG)	Class		(B)	(C)	(L)	Tongue Thickness	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YAV70M5	70 (1/0)	2	M5	17.5	21.1	41.4	3.0	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	13	19
YAV70M6			M6	17.5	21.1	44.5	3.0						
YAV70M8			M8	17.5	21.1	46.0	3.0						
YAV70M10			M10	17.5	21.1	49.3	3.0						
YAV70M12			M12	17.5	21.1	55.6	3.0						
YAV70M14			M14	17.5	22.4	56.6	2.8						
YAV70M16			M16	17.5	22.4	62.0	2.8						
YAV95M6	95 (2/0)	2	M6	20.6	23.6	45.8	3.3	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	14	22
YAV95M8			M8	20.6	23.6	50.3	3.3						
YAV95M10			M10	20.6	23.6	53.6	3.3						
YAV95M12			M12	20.6	23.6	59.9	3.3						
YAV95M14			M14	20.6	23.6	61.0	3.3						
YAV95M16			M16	20.6	23.6	66.3	3.3						
YAV95M20	M20	20.6	30.5	77.4	4.1								
YAV120M6	120 (4/0)	2	M6	26.2	29.0	53.6	3.8	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (2) W28RT (2) X28RT (2)	W28VT (2) W28RT (2) X28RT (2)	U28RT (1)	15	27
YAV120M8			M8	26.2	29.0	58.2	3.8						
YAV120M10			M10	26.2	29.0	61.5	3.8						
YAV120M12			M12	26.2	29.0	67.8	3.8						
YAV120M14			M14	26.2	29.0	68.8	3.8						
YAV120M16			M16	26.2	29.0	74.2	3.8						
YAV120M20	M20	26.2	29.0	85.2	3.8								
YAV150M8	150 (300)	2	M8	26.2	30.5	58.7	4.1	644 Series (1) 444 Series (1) 81K Series (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	17	27
YAV150M10			M10	26.2	30.5	62.0	4.1						
YAV150M12			M12	26.2	30.5	68.3	4.1						
YAV150M14			M14	26.2	30.5	69.2	4.1						
YAV150M16			M16	26.2	30.5	74.7	4.1						
YAV150M20	M20	26.2	30.5	85.7	4.1								
YAV185M8	185 (350)	2	M8	26.9	32.8	60.2	4.6	644 Series (1) 444 Series (1) 81K Series (2)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	18	29
YAV185M10			M10	26.9	32.8	63.5	4.3						
YAV185M12			M12	26.9	32.8	69.9	4.3						
YAV185M14			M14	26.9	32.8	70.8	4.6						
YAV185M16			M16	26.9	32.8	76.2	4.6						
YAV185M20			M20	26.9	32.8	87.3	4.6						
YAV240M10	240 (500)	2	M10	32.3	39.4	72.9	5.8	644 Series (1) 444 Series (1) 81K Series (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2)	20	33
YAV240M12			M12	32.3	39.4	80.2	5.6						
YAV240M14			M14	32.3	39.4	81.3	5.8						
YAV240M16			M16	32.3	39.4	85.6	5.8						
YAV240M20			M20	32.3	39.4	96.6	5.8						
YAV300M10	300 (600)	2	M10	35.1	44.2	77.2	6.9	644 Series (1) 444 Series (1) 81K Series (2)	-	-	U36RT (2)	22	35
YAV300M12			M12	35.1	44.2	83.6	6.6						
YAV300M14			M14	35.1	44.2	84.6	6.9						
YAV300M16			M16	35.1	44.2	89.9	6.9						
YAV300M20			M20	35.1	44.2	100.9	6.9						

Copper, Code, 1-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-M (Continued)

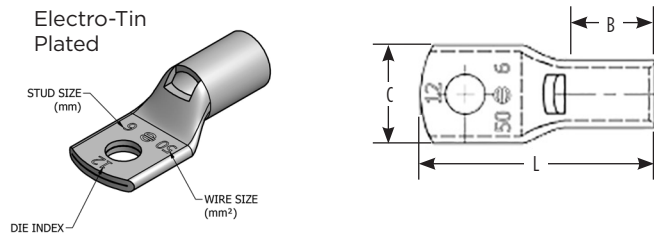
Notes:

All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required



Catalog Number	Copper		Stud Size	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
	Wire Range mm2 (AWG)	Class		(B)	(C)	(L)	Tongue Thickness	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YAV400M12	400 (800)	2	M12	36.1	50.3	87.1	7.6	644 Series (1) 444 Series (1) 81K Series (3)	-	-	U39RT (3)	24	37
YAV400M14			M14	36.1	50.3	88.1	7.6						
YAV400M16			M16	36.1	50.3	93.5	7.6						
YAV400M20			M20	36.1	50.3	104.5	7.6						
YAV500M12	500 (1000)	2	M12	41.9	55.6	96.2	8.1	-	-	U44XRT (3) •P44XRT (3)	L115	43	
YAV500M16			M16	41.9	55.6	102.6	8.4						
YAV500M20			M20	41.9	55.6	113.7	8.4						
YAV630M12	630 (1250)	2	M12	50.8	62.5	107.7	9.7	-	-	P45RT (3)	29	55	
YAV630M16			M16	50.8	62.5	114.0	9.7						
YAV630M20			M20	50.8	62.5	125.2	9.7						

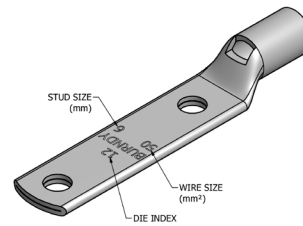
Copper, Code, 2-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-2M HYLUG™

Rated for 90° C, Up to 35 kV ♦

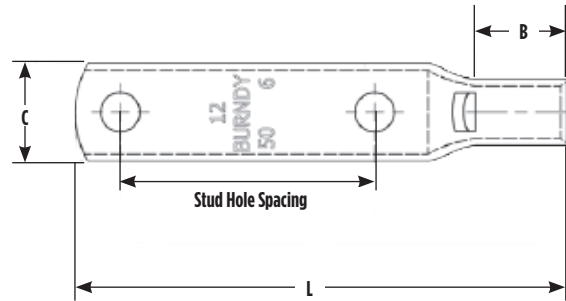
Made from electrolytic copper tube and is electro-tin plated. Wire range is from 2.5 mm² to 630 mm² Class 2. Compatible to IEC61238-1.

Electro-Tin Plated



Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Short/standard length barrel is recommended for installations with limited space requirements and meet the exact UL testing requirements as long barrel connectors so performance of the connection is not compromised
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Connectors are clearly marked with stamping
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Notes:

All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPT Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPT Adaptor not required

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Code, 2-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-2M (Continued)

Notes:

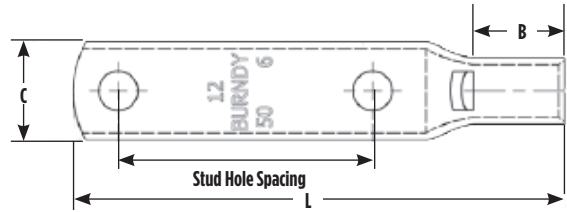
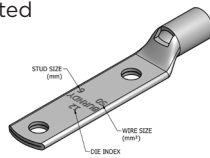
All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required

Electro-Tin Plated



Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)	
				Tongue Width	(B)	(C)	(L)	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index		
YAV0252M3	2.5	M3	25.4	1	170.2	200.7	44.7	Y10D (1) MR8G98 (1) MR89Q (1) Y8MRB1 (1) MR20 (1)						7
YAV0252M4		M4	25.4	1	170.2	200.7	44.7							
YAV0252M5		M5	25.4	1	170.2	200.7	44.7							
YAV0252M6		M6	25.4	0.8	170.2	271.8	49.8							
YAV0252M8		M8	25.4	0.8	170.2	279.4	49.8							
YAV062M4	6	M4	25.4	1.5	264.2	241.3	49.5	Y10D (1) MR8G98 (1) MR89Q (1) Y8MRB1 (1) MR20 (1)						11
YAV062M5		M5	25.4	1.5	264.2	241.3	49.5							
YAV062M6		M6	25.4	1.3	264.2	302.3	52.6							
YAV062M8		M8	25.4	1	264.2	342.9	53.3							
YAV062M10		M10	25.4	1	302.3	360.7	54.6							
YAV102M4	10	M4	44.5	0	284.5	264.2	73.4	Y1MRTC (1) MY2911 (1) MRC840 (1) 81K Series (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)		U8CRT (1)	49	11
YAV102M5		M5	44.5	0	284.5	264.2	74.9							
YAV102M6		M6	44.5	0	284.5	297.2	78.2							
YAV102M8		M8	44.5	0	284.5	335.3	79.8							
YAV102M10		M10	44.5	0	284.5	348	83.1							
YAV102M12	M12	44.5	0	284.5	469.9	89.4								
YAV162M4	16	M4	44.5	2	322.6	309.9	76.2	Y1MRTC (1) MY2911 (1) MRC840 (1) 81K Series (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)		U5CRT (1)	7	13
YAV162M5		M5	44.5	2	322.6	309.9	77.7							
YAV162M6		M6	44.5	2	322.6	309.9	80.8							
YAV162M8		M8	44.5	1.5	322.6	386.1	82.6							
YAV162M10		M10	44.5	1.5	322.6	373.4	85.6							
YAV162M12	M12	44.5	1.3	322.6	477.5	91.9								
YAV252M5	25	M5	44.5	2	322.6	355.6	78.2	Y1MRTC (2) MY2911 (1) MRC840 (1) 644 Series (1) 444 Series (1) 81K Series (1)	W3CRT (1)	W3CRT (1)		U3CRT (1)	9	13
YAV252M6		M6	44.5	2	322.6	322.6	81.3							
YAV252M8		M8	44.5	2	322.6	406.4	83.1							
YAV252M10		M10	44.5	2	322.6	373.4	86.1							
YAV252M12		M12	44.5	1.5	322.6	469.9	92.5							
YAV352M5	35	M5	44.5	2.5	406.4	439.4	85.9	Y1MRTC (2) MY2911 (1) MRC840 (1) 644 Series (1) 444 Series (1) 81K Series (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)		U2CRT (1)	10	17
YAV352M6		M6	44.5	2.5	406.4	439.4	87.6							
YAV352M8		M8	44.5	2.5	406.4	439.4	90.7							
YAV352M10		M10	44.5	2.5	406.4	439.4	90.7							
YAV352M12		M12	44.5	2.5	406.4	439.4	97							
YAV502M6	50	M6	44.5	2.5	406.4	439.4	85.9	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)		U25RT (1)	12	17
YAV502M8		M8	44.5	2.5	406.4	439.4	87.6							
YAV502M10		M10	44.5	2.5	406.4	439.4	90.7							
YAV502M12		M12	44.5	2.5	406.4	469.9	97							
YAV502M14		M14	44.5	3	406.4	535.9	98							
YAV502M16	M16	44.5	3	406.4	657.9	103.4								
YAV702M6	70	M6	44.5	3	444.5	535.9	89.2	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)		U26RT (1)	13	19
YAV702M8		M8	44.5	3	444.5	535.9	90.7							
YAV702M10		M10	44.5	3	444.5	535.9	94							
YAV702M12		M12	44.5	3	444.5	535.9	100.3							
YAV702M14		M14	44.5	2.8	444.5	569	101.3							
YAV702M16	M16	44.5	2.8	444.5	569	106.7								

Copper, Code, 2-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-2M (Continued)

Notes:

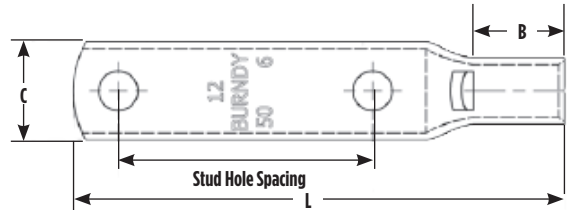
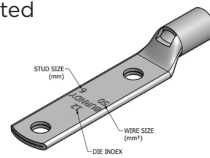
All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Electro-Tin Plated



Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
				Tongue Width	(B)	(C)	(L)	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YAV952M8	95	M8	44.5	3.3	523.2	599.4	95	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	14	22
YAV952M10		M10	44.5	3.3	523.2	599.4	98.3						
YAV952M12		M12	44.5	3.3	523.2	599.4	104.6						
YAV952M14		M14	44.5	3.3	523.2	599.4	105.7						
YAV952M16		M16	44.5	3.3	523.2	599.4	111						
YAV952M20		M20	44.5	4.1	523.2	774.7	122.2						
YAV1202M8	120	M8	44.5	3.6	665.5	736.6	102.9	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (3) W28RT (3) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	15	27
YAV1202M10		M10	44.5	3.6	665.5	736.6	106.2						
YAV1202M12		M12	44.5	3.8	665.5	736.6	112.5						
YAV1202M14		M14	44.5	3.6	665.5	736.6	113.5						
YAV1202M16		M16	44.5	3.6	665.5	736.6	118.9						
YAV1202M20		M20	44.5	4.3	665.5	736.6	130						
YAV1502M8	150	M8	44.5	4.1	665.5	774.7	103.4	644 Series (1) 444 Series (1) 81K Series (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	17	27
YAV1502M10		M10	44.5	4.1	665.5	774.7	106.7						
YAV1502M12		M12	44.5	4.1	665.5	774.7	113						
YAV1502M14		M14	44.5	4.1	665.5	774.7	114						
YAV1502M16		M16	44.5	4.1	665.5	774.7	119.4						
YAV1502M20		M20	44.5	4.1	665.5	774.7	130.3						
YAV1852M8	185	M8	44.5	4.3	683.3	833.1	104.9	644 Series (1) 444 Series (1) 81K Series (2)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	18	29
YAV1852M10		M10	44.5	4.3	683.3	833.1	108.2						
YAV1852M12		M12	44.5	4.3	683.3	833.1	114.6						
YAV1852M14		M14	44.5	4.3	683.3	833.1	115.6						
YAV1852M16		M16	44.5	4.3	683.3	833.1	120.9						
YAV1852M20		M20	44.5	4.3	683.3	833.1	132.1						
YAV2402M10	240	M10	44.5	5.6	820.4	1000.8	117.6	644 Series (1) 444 Series (1) 81K Series (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2)	20	33
YAV2402M12		M12	44.5	5.6	820.4	1000.8	125						
YAV2402M14		M14	44.5	5.6	820.4	1000.8	125						
YAV2402M16		M16	44.5	5.6	820.4	1000.8	130.3						
YAV2402M20		M20	44.5	5.6	820.4	1000.8	141.2						
YAV3002M10	300	M10	44.5	6.6	175.3	1122.7	121.9	644 Series (1) 444 Series (1) 81K Series (2)	-	-	U36RT (2)	22	35
YAV3002M12		M12	44.5	6.6	167.6	1122.7	128.3						
YAV3002M14		M14	44.5	6.6	175.3	1122.7	129						
YAV3002M16		M16	44.5	6.6	175.3	1122.7	134.6						
YAV3002M20		M20	44.5	6.6	175.3	1122.7	145.5						
YAV4002M14	400	M14	44.5	7.6	193	1277.6	132.8	644 Series (1) 444 Series (1) 81K Series (2)	-	-	U39RT (3)	24	37
YAV4002M16		M16	44.5	7.6	193	1277.6	138.2						
YAV4002M20		M20	44.5	7.6	193	1277.6	149.4						
YAV5002M16	500	M16	44.5	8.1	205.7	1412.2	147.3	644 Series (1) 444 Series (1) 81K Series (2)	-	-	U44XRT (3) † P44XRT (3)	L115	43
YAV5002M20		M20	44.5	8.1	205.7	1412.2	158.5						
YAV6302M16	630	M16	44.5	9.7	246.4	1587.5	158.8	644 Series (1) 444 Series (1) 81K Series (2)	-	-	† P45RT (3)	29	55
YAV6302M20		M20	44.5	9.7	246.4	1587.5	169.9						

Copper, Code, 1-Hole, Long Barrel, Long Barrel, Metric Lugs, No Skive

TYPE YALB-M HYLUG™

Rated for 90° C, Up to 35 kV ♦

Made from electrolytic copper tube and is electro-tin plated. Wire range is from 2.5 mm² to 630 mm² Class 2. Compatible to IEC61238-1.

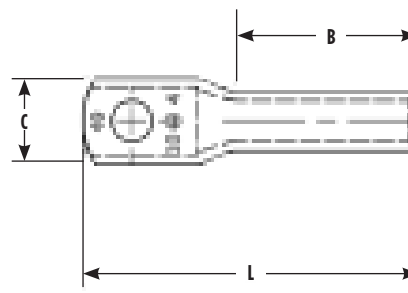
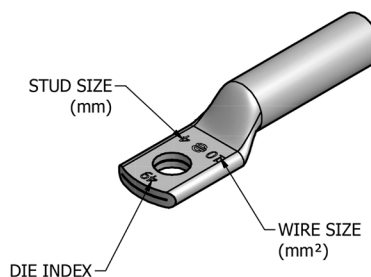
Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Electro-Tin
Plated



Notes:

All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Copper, Code, 1-Hole, Long Barrel, Long Barrel, Metric Lugs, No Skive

TYPE YALB-M (Continued)

Notes:

All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications.

BURNDY will not be liable for the connection.

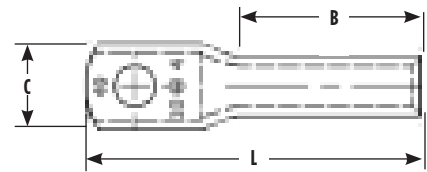
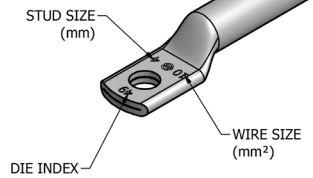
* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Electro-Tin
Plated



Catalog Number	Wire Range (MM2)	Stud Size	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
			Tongue Thickness	(B)	(C)	(L)	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YALB10M4	10	M4	2.3	20.6	9.7	38.1	Y1MRTC (2) MY2911 (1) MRC840 (2) 81K Series (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	49	22
YALB10M5		M5	2	20.6	10.4	39.9						
YALB10M6		M6	2	20.6	11.2	42.9						
YALB10M8		M8	1.5	20.6	13.2	44.5						
YALB10M10		M10	1.5	20.6	14.7	47.8						
YALB10M12	M12	3	20.6	21.1	58.9							
YALB16M4	16	M4	2	28.4	11.4	47.2	Y1MRTC (2) MY2911 (2) MRC840 (2) 81K Series (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	7	30
YALB16M5		M5	2	28.4	11.4	48.8						
YALB16M6		M6	2	28.4	12.2	51.8						
YALB16M8		M8	1.8	28.4	13.2	53.6						
YALB16M10		M10	1.5	28.4	14.7	59.2						
YALB16M12	M12	3	28.4	19.1	63.0							
YALB25M5	25	M5	2.3	31.8	14	53.6	MRC840 (2) 81K Series (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	9	33
YALB25M6		M6	2.3	31.8	14	56.6						
YALB25M8		M8	2.3	31.8	14	58.4						
YALB25M10		M10	2	31.8	14.7	61.5						
YALB25M12	M12	3	31.8	21.1	67.8							
YALB35M5	35	M5	2.5	35.1	17.3	57.7	Y1MRTC (4) MY2911 (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	10	37
YALB35M6		M6	2.5	35.1	17.3	60.7						
YALB35M8		M8	2.5	35.1	17.3	62.2						
YALB35M10		M10	2.5	35.1	17.3	65.5						
YALB35M12		M12	3	35.1	21.1	71.9						
YALB50M6	50	M6	2.5	35.1	17.3	60.7	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	12	40
YALB50M8		M8	2.5	35.1	17.3	62.2						
YALB50M10		M10	2.5	35.1	17.3	65.5						
YALB50M12		M12	3	35.1	21.1	71.9						
YALB50M14		M14	3	35.1	21.1	72.9						
YALB50M16		M16	3	35.1	21.1	78.2						
YALB70M6	70	M6	3	38.1	21.1	65.5	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	13	40
YALB70M8		M8	3	38.1	21.1	67.3						
YALB70M10		M10	3	38.1	21.1	70.4						
YALB70M12		M12	3	38.1	21.1	76.7						
YALB70M14		M14	3	38.1	21.1	77.7						
YALB70M16		M16	3	38.1	21.1	86.4						
YALB95M8	95	M8	3.3	38.1	23.6	68.6	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (4) W27RT (4) X27RT (4)	W27VT (4) W27RT (4) X27RT (4)	U27RT (2)	14	43
YALB95M10		M10	3.3	38.1	23.6	71.6						
YALB95M12		M12	3.3	38.1	23.6	78						
YALB95M14		M14	3.3	38.1	23.6	79						
YALB95M16		M16	3.3	38.1	23.6	84.3						
YALB95M20	M20	4.1	38.1	30.5	95.5							
YALB120M8	120	M8	3.6	41.1	29	73.9	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	15	43
YALB120M10		M10	3.6	41.1	29	77.2						
YALB120M12		M12	3.6	41.1	29	83.6						
YALB120M14		M14	3.6	41.1	29	84.6						
YALB120M16		M16	3.6	41.1	29	89.9						
YALB120M20		M20	4.3	41.1	30.5	101.1						

Copper, Code, 1-Hole, Long Barrel, Long Barrel, Metric Lugs, No Skive

TYPE YALB-M (Continued)

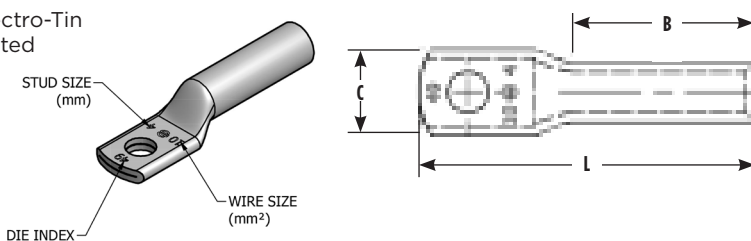
Notes:

All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications.
 BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation
 ** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required

Electro-Tin Plated



Catalog Number	Wire Range (MM2)	Stud Size	Dimensions (mm)			Installation Tooling					Wire Strip Length (mm)	
			Tongue Thickness	(B)	(C)	(L)	Dieless	MD6, MD734R	500 Series	35, 750, 46** Series		Die Index
YALB150M8	150	M8	4.1	50.8	30.5	84.1	644 Series (1) 444 Series (1) 81K Series (3)	W30VT (4)	W30VT (4)	U30RT (4)	17	52
YALB150M10		M10	4.1	50.8	30.5	87.4						
YALB150M12		M12	4.1	50.8	30.5	93.7						
YALB150M14		M14	4.1	50.8	30.5	94.7						
YALB150M16		M16	4.1	50.8	30.5	100.1						
YALB150M20		M20	4.1	50.8	30.5	111.3						
YALB185M8	185	M8	4.3	50.8	32.8	85.1	644 Series (1) 444 Series (1) 81K Series (3)	W31VT (4)	W31VT (4)	U31RT (4)	18	52
YALB185M10		M10	4.3	50.8	32.8	88.4						
YALB185M12		M12	4.3	50.8	32.8	94.7						
YALB185M14		M14	4.3	50.8	32.8	95.3						
YALB185M16		M16	4.3	50.8	32.8	101.1						
YALB185M20		M20	4.3	50.8	32.8	112.3						
YALB240M10	240	M10	5.6	57.2	39.4	98	644 Series (1) 444 Series (1) 81K Series (3)	W34VT (4)	W34VT (4)	U34RT (4)	20	59
YALB240M12		M12	5.6	57.2	39.4	105.2						
YALB240M14		M14	5.6	57.2	39.4	106.2						
YALB240M16		M16	5.6	57.2	39.4	111.3						
YALB240M20		M20	5.6	57.2	39.4	122.4						
YALB300M10	300	M10	6.6	68.3	44.2	111.8	644 Series (1) 444 Series (1) 81K Series (3)	-	-	U36RT (4)	22	70
YALB300M12		M12	6.6	68.3	44.2	118.1						
YALB300M14		M14	6.6	68.3	44.2	119.1						
YALB300M16		M16	6.6	68.3	44.2	124.5						
YALB300M20		M20	6.6	68.3	44.2	135.4						
YALB400M12	400	M12	7.6	74.7	50.3	127	-	-	U39RT (4)	24	76	
YALB400M14		M14	7.6	74.7	50.3	128						
YALB400M16		M16	7.6	74.7	50.3	133.4						
YALB400M20		M20	7.6	74.7	50.3	144.3						
YALB500M12	500	M12	8.1	76.2	55.6	132.1	-	-	U44XRT (4) P44XRT (4)	U15	78	
YALB500M16		M16	8.1	76.2	55.6	138.4						
YALB500M20		M20	8.1	76.2	55.6	149.4						
YALB630M12	630	M12	9.7	81	62.5	139.4	-	-	P45RT (6)	29	83	
YALB630M16		M16	9.7	81	62.5	145.8						
YALB630M20		M20	9.7	81	62.5	157						

Copper, Code, 2-Hole, Long Barrel, Metric Lugs, No Skive

TYPE YALB-2M HYLUG™

Rated for 90° C, Up to 35 kV ♦

Made from electrolytic copper tube and is electro-tin plated. Wire range is from 10 mm² to 630 mm² Class 2. Compatible to IEC61238-1.

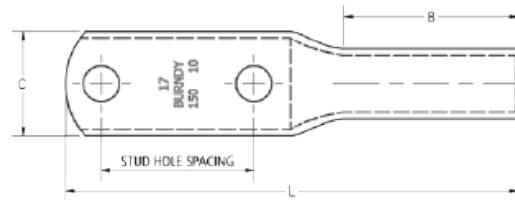
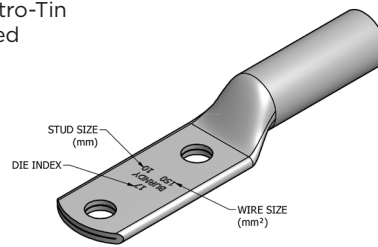
Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Connectors are clearly marked with stamping
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Electro-Tin
Plated



Notes:

All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required

Copper, Code, 2-Hole, Long Barrel, Metric Lugs, No Skive

TYPE YALB-2M (Continued)

Notes:

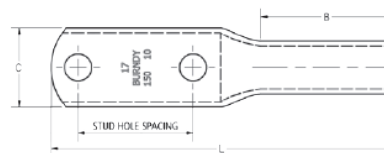
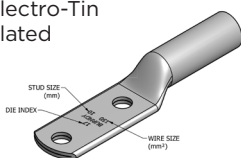
All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Electro-Tin Plated



Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
				Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YALB102M4	10	M4	44.5	2.3	20.6	9.9	82.6	YIMRTC (2) MY2911 (1) MRC840 (2) 81K Series (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	49	22
YALB102M5		M5	44.5	2.0	20.6	10.4	84.3						
YALB102M6		M6	44.5	2.0	20.6	11.2	87.4						
YALB102M8		M8	44.5	1.5	20.6	13.2	88.9						
YALB102M10		M10	44.5	1.5	20.6	14.7	92.2						
YALB102M12		M12	44.5	3.0	20.6	21.1	103.4						
YALB162M4	16	M4	44.5	2.3	28.4	11.4	91.7	YIMRTC (2) MY2911 (2) MRC840 (2) 81K Series (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	7	30
YALB162M5		M5	44.5	2.3	28.4	11.4	93.2						
YALB162M6		M6	44.5	2.0	28.4	12.2	96.5						
YALB162M8		M8	44.5	1.8	28.4	13.2	98.0						
YALB162M10		M10	44.5	1.5	28.4	14.7	103.6						
YALB162M12		M12	44.5	3.0	28.4	19.1	107.7						
YALB252M5	25	M5	44.5	2.3	31.8	14.0	98.0	W3CRT (2)	W3CRT (2)	U3CRT (2)	9	33	
YALB252M6		M6	44.5	2.3	31.8	14.0	101.1						
YALB252M8		M8	44.5	2.3	31.8	14.0	102.9						
YALB252M10		M10	44.5	2.0	31.8	14.7	105.9						
YALB252M12		M12	44.5	3.0	31.8	21.1	112.5						
YALB352M5	35	M5	44.5	2.5	35.1	17.3	102.1	YIMRTC (4) MY2911 (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	10	37
YALB352M6		M6	44.5	2.5	35.1	17.3	105.2						
YALB352M8		M8	44.5	2.5	35.1	17.3	106.8						
YALB352M10		M10	44.5	2.5	35.1	17.3	110.0						
YALB352M12		M12	44.5	3.0	35.1	21.1	116.4						
YALB502M6	50	M6	44.5	2.5	35.1	17.3	105.2	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	12	37
YALB502M8		M8	44.5	2.5	35.1	17.3	106.7						
YALB502M10		M10	44.5	2.5	35.1	17.3	110.0						
YALB502M12		M12	44.5	3.0	35.1	21.1	116.3						
YALB502M14		M14	44.5	3.0	35.1	21.1	117.3						
YALB502M16		M16	44.5	3.0	35.1	21.1	122.7						

Copper, Code, 2-Hole, Long Barrel, Metric Lugs, No Skive

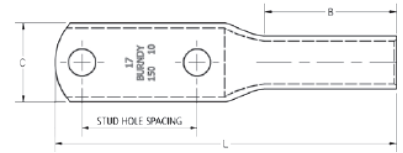
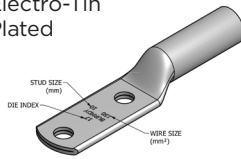
TYPE YALB-2M (Continued)

Notes:

All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation
 ** PUADPI Adaptor is required to use U Dies in 46 Series Tools
 † P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required

Electro-Tin Plated



Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)			Installation Tooling					Wire Strip Length (mm)	
				Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series		Die Index
YALB702M6	70	M6	44.5	3.0	38.1	21.1	110.0	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	13	40
YALB702M8		M8	44.5	3.0	38.1	21.1	111.8						
YALB702M10		M10	44.5	3.0	38.1	21.1	114.8						
YALB702M12		M12	44.5	3.0	38.1	21.1	121.4						
YALB702M14		M14	44.5	3.0	38.1	21.1	122.2						
YALB702M16		M16	44.5	3.0	38.1	21.1	130.8						
YALB952M8	95	M8	44.5	3.3	38.1	23.6	113.0		W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	14	40
YALB952M10		M10	44.5	3.3	38.1	23.6	116.1						
YALB952M12		M12	44.5	3.3	38.1	23.6	122.4						
YALB952M14		M14	44.5	3.3	38.1	23.6	123.4						
YALB952M16		M16	44.5	3.3	38.1	23.6	128.8						
YALB952M20		M20	44.5	4.1	38.1	30.5	140.0						
YALB1202M8	120	M8	44.5	3.8	41.1	29.0	118.6		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	15	43
YALB1202M10		M10	44.5	3.8	41.1	29.0	124.1						
YALB1202M12		M12	44.5	3.8	41.1	29.0	128.0						
YALB1202M14		M14	44.5	3.8	41.1	29.0	129.0						
YALB1202M16		M16	44.5	3.8	41.1	29.0	134.4						
YALB1202M20		M20	44.5	4.3	41.1	30.5	145.5						
YALB1502M8	150	M8	44.5	4.1	50.8	30.5	128.8	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	17	52	
YALB1502M10		M10	44.5	4.1	50.8	30.5	131.8						
YALB1502M12		M12	44.5	4.1	50.8	30.5	138.2						
YALB1502M14		M14	44.5	4.1	50.8	30.5	139.2						
YALB1502M16		M16	44.5	4.1	50.8	30.5	145.3						
YALB1502M20		M20	44.5	4.1	50.8	30.5	156.2						
YALB1852M8	185	M8	44.5	4.3	50.8	32.8	129.8	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	18	52	
YALB1852M10		M10	44.5	4.3	50.8	32.8	132.8						
YALB1852M12		M12	44.5	4.3	50.8	32.8	139.2						
YALB1852M14		M14	44.5	4.3	50.8	32.8	139.7						
YALB1852M16		M16	44.5	4.3	50.8	32.8	145.5						
YALB1852M20		M20	44.5	4.3	50.8	32.8	156.7						

Copper, Code, 2-Hole, Long Barrel, Metric Lugs, No Skive

TYPE YALB-2M (Continued)

Notes:

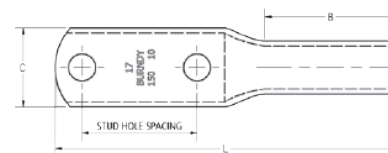
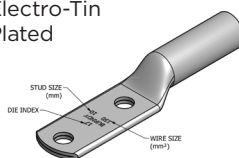
All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Electro-Tin Plated



Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)			Installation Tooling					Wire Strip Length (mm)	
				Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series		Die Index
YALB2402M10	240	M10	44.5	5.6	57.2	39.4	142.5	644 Series (1) 444 Series (1) 81K Series (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4)	20	59
YALB2402M12		M12	44.5	5.6	57.2	39.4	149.6						
YALB2402M14		M14	44.5	5.6	57.2	39.4	150.6						
YALB2402M16		M16	44.5	5.6	57.2	39.4	156.0						
YALB2402M20		M20	44.5	5.6	57.2	39.4	166.9						
YALB3002M10	300	M10	44.5	6.6	68.3	44.2	156.2	644 Series (1) 444 Series (1) 81K Series (4)			U36RT (4)	22	70
YALB3002M12		M12	44.5	6.6	68.3	44.2	162.6						
YALB3002M14		M14	44.5	6.6	68.3	44.2	163.6						
YALB3002M16		M16	44.5	6.6	68.3	44.2	168.9						
YALB3002M20		M20	44.5	6.6	68.3	44.2	179.6						
YALB4002M12	400	M12	44.5	7.6	74.7	50.3	171.4		-	-	U39RT (4)	24	76
YALB4002M14		M14	44.5	7.6	74.7	50.3	172.5						
YALB4002M16		M16	44.5	7.6	74.7	50.3	177.8						
YALB4002M20		M20	44.5	7.6	74.7	50.3	189.0						
YALB5002M12	500	M12	44.5	8.1	76.2	55.6	176.5				U44XRT (4) †P44XRT (4)	115	78
YALB5002M16		M16	44.5	8.1	76.2	55.6	182.9						
YALB5002M20		M20	44.5	8.1	76.2	55.6	194.1						
YALB6302M12	630	M12	44.5	9.7	81.0	62.5	183.9	-			† P45RT (6)	29	83
YALB6302M16		M16	44.5	9.7	81.0	62.5	190.5						
YALB6302M20		M20	44.5	9.7	81.0	62.5	201.4						

Copper, Flex, 1-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-FM HYLUG™

Rated for 90° C, Up to 35 kV ♦

Made from electrolytic copper tube and is electro-tin plated. Wire range is from 50 mm² to 630 mm² Class 5. Compatible to IEC61238-1.

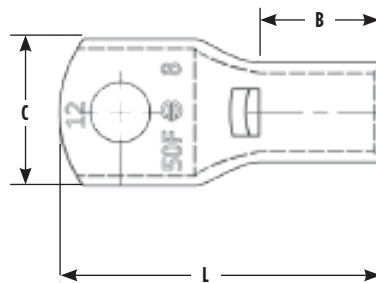
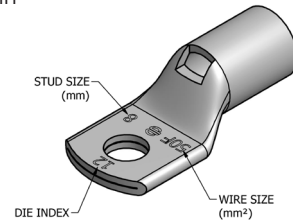
Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Short/standard length barrel is recommended for installations with limited space requirements
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Connectors are clearly marked with stamping

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Electro-Tin
Plated



Notes:

All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Copper, Flex, 1-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-FM (Continued)

Notes:

All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

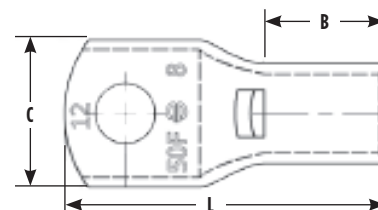
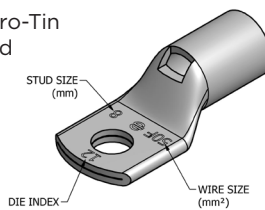
** PUADPI Adaptor is required to use U Dies in 46 Series

Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI

Adaptor not required

Electro-Tin
Plated



Catalog Number	Wire Range (MM2)	Stud Size	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
			Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YAV50FM6	50	M6	3.0	17.5	21.1	46.0	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	12	19
YAV50FM8		M8	3.0	17.5	21.1	46.0						
YAV50FM10		M10	3.0	17.5	21.1	49.3						
YAV50FM12		M12	3.0	17.5	21.1	55.6						
YAV50FM14		M14	3.0	17.5	22.4	56.6						
YAV50FM16		M16	3.0	17.5	22.4	61.9						
YAV70FM6	70	M6	3.3	20.6	23.6	49.0	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	13	22
YAV70FM8		M8	3.3	20.6	23.6	50.3						
YAV70FM10		M10	3.3	20.6	23.6	54.0						
YAV70FM12		M12	3.3	20.6	23.6	60.0						
YAV70FM14		M14	3.3	20.6	23.6	61.0						
YAV70FM16		M16	3.3	20.6	23.6	66.3						
YAV95FM8	95	M8	3.6	25.4	26.2	56.0	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	14	27
YAV95FM10		M10	3.6	25.4	26.2	59.0						
YAV95FM12		M12	3.6	25.4	26.2	66.0						
YAV95FM14		M14	3.6	25.4	26.2	66.8						
YAV95FM16		M16	3.6	25.4	26.2	72.1						
YAV95FM20		M20	3.6	25.4	26.2	83.2						
YAV120FM8	120	M8	3.8	26.2	29.0	58.2	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	15	27
YAV120FM10		M10	3.8	26.2	29.0	61.0						
YAV120FM12		M12	3.8	26.2	29.0	68.0						
YAV120FM14		M14	3.8	26.2	29.0	68.8						
YAV120FM16		M16	3.8	26.2	29.0	74.1						
YAV120FM20		M20	3.8	26.2	29.0	85.2						
YAV150FM8	150	M8	4.6	26.9	32.8	60.2	644 Series (1) 444 Series (1) 81K Series (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	17	29
YAV150FM10		M10	4.6	26.9	32.8	64.0						
YAV150FM12		M12	4.6	26.9	32.8	70.0						
YAV150FM14		M14	4.6	26.9	32.8	70.8						
YAV150FM16		M16	4.6	26.9	32.8	76.0						
YAV150FM20		M20	4.6	26.9	32.8	87.3						

Copper, Flex, 1-Hole, Standard Barrel, Metric Lugs, Inspection Window

TYPE YAV-FM (Continued)

Notes:

All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

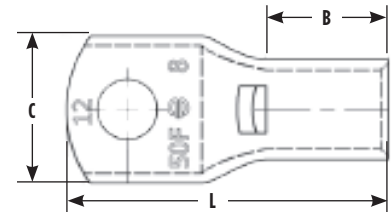
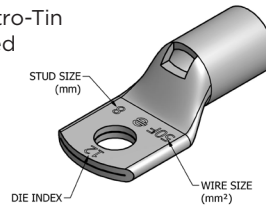
** PUADPT Adaptor is required to use U Dies in 46 Series Tools

Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPT

Adaptor not required

Electro-Tin Plated



Catalog Number	Wire Range (MM2)	Stud Size	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
			Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YAV185FM8	185	M8	5.0	30.2	35.6	64.8	644 Series (1) 444 Series (1) 81K Series (2)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	18	29
YAV185FM10		M10	5.0	30.2	35.6	68.0						
YAV185FM12		M12	5.0	30.2	35.6	74.0						
YAV185FM14		M14	5.0	30.2	35.6	75.4						
YAV185FM16		M16	5.0	30.2	35.6	81.0						
YAV185FM20		M20	5.0	30.2	35.6	91.8						
YAV240FM10	240	M10	5.8	32.3	39.4	72.9	644 Series (1) 444 Series (1) 81K Series (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2)	20	33
YAV240FM12		M12	5.8	32.3	39.4	79.0						
YAV240FM14		M14	5.8	32.3	39.4	80.2						
YAV240FM16		M16	5.8	32.3	39.4	85.5						
YAV240FM20		M20	5.8	32.3	39.4	96.6						
YAV300FM10	300	M10	6.9	36.8	46.7	80.2	644 Series (1) 444 Series (1) 81K Series (2)			U36RT (2)	22	38
YAV300FM12		M12	6.9	36.8	46.7	87.0						
YAV300FM14		M14	6.9	36.8	46.7	87.5						
YAV300FM16		M16	6.9	36.8	46.7	93.0						
YAV300FM20		M20	6.9	36.8	46.7	104.0						
YAV400FM12	400	M12	7.6	36.1	50.3	87.0	644 Series (1) 444 Series (1) 81K Series (3)	-	-	U39RT (3)	24	37
YAV400FM14		M14	7.6	36.1	50.3	88.1						
YAV400FM16		M16	7.6	36.1	50.3	93.5						
YAV400FM20		M20	7.6	36.1	50.3	104.5						
YAV500FM12	500	M12	8.4	41.9	55.6	96.0	644 Series (1) 444 Series (1) 81K Series (3)			U44XRT (3) †P44XRT (3)	L115	43
YAV500FM16		M16	8.4	41.9	55.6	102.6						
YAV500FM20		M20	8.4	41.9	55.6	113.7						
YAV630FM12	630	M12	9.9	50.8	68.3	110.2	-			† P46RT (3)	31	55
YAV630FM16		M16	9.9	50.8	68.3	116.6						
YAV630FM20		M20	9.9	50.8	68.3	127.8						

Copper, Flex, 2-Hole, Long Barrel, Metric Lugs, Inspection Window

TYPE YAV-F2M HYLUG™

Rated for 90° C, Up to 35 kV ♦

Made from electrolytic copper tube and is electro-tin plated. Wire range is from 50 mm² to 630 mm² Class 5. Compatible to IEC61238-1.

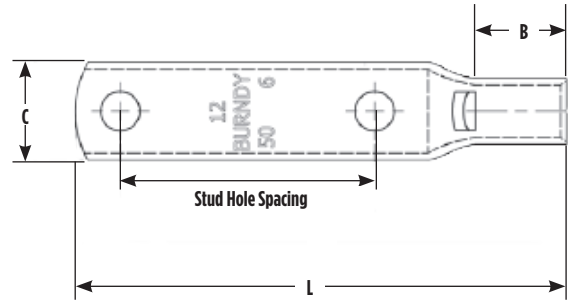
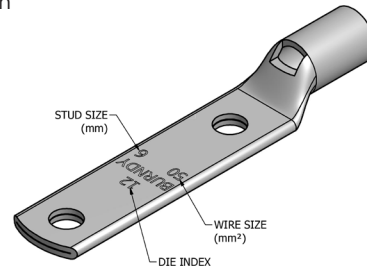
Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Short/standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Connectors are clearly marked with stamping

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Electro-Tin
Plated



Notes:

All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

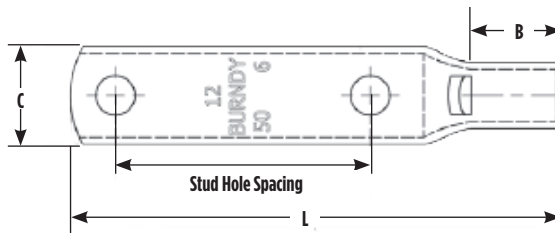
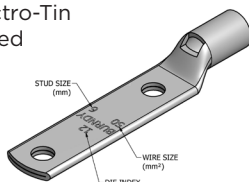
** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Copper, Flex, 2-Hole, Long Barrel, Metric Lugs, Inspection Window

TYPE YAV-F2M (Continued)

Electro-Tin Plated



Notes:

All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

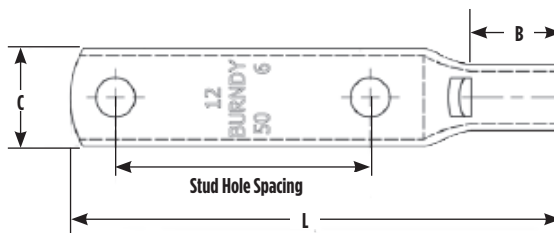
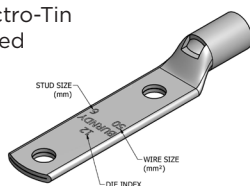
† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required

Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)			Installation Tooling					Wire Strip Length (mm)	
				Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series		Die Index
YAV50F2M6	50	M6	44.5	3.0	17.5	21.1	89.2	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	12	19
YAV50F2M8		M8	44.5	3.0	17.5	21.1	90.7						
YAV50F2M10		M10	44.5	3.0	17.5	21.1	94.0						
YAV50F2M12		M12	44.5	3.0	17.5	21.1	100.3						
YAV50F2M14		M14	44.5	3.0	17.5	22.4	101.3						
YAV50F2M16		M16	44.5	3.0	17.5	22.4	106.7						
YAV70F2M6	70	M6	44.5	3.3	20.6	23.6	93.2	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W26RT (2) W26VT (2) X26RT (2)	W26RT (2) W26VT (2) X26RT (2)	U26RT (1)	13	22
YAV70F2M8		M8	44.5	3.3	20.6	23.6	95.0						
YAV70F2M10		M10	44.5	3.3	20.6	23.6	98.3						
YAV70F2M12		M12	44.5	3.3	20.6	23.6	104.6						
YAV70F2M14		M14	44.5	3.3	20.6	23.6	105.7						
YAV70F2M16		M16	44.5	3.3	20.6	23.6	111.0						
YAV95F2M8	95	M8	44.5	3.6	25.4	26.2	100.8	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	14	27
YAV95F2M10		M10	44.5	3.6	25.4	26.2	104.1						
YAV95F2M12		M12	44.5	3.6	25.4	26.2	110.5						
YAV95F2M14		M14	44.5	3.6	25.4	26.2	111.5						
YAV95F2M16		M16	44.5	3.6	25.4	26.2	116.8						
YAV95F2M20		M20	44.5	3.6	25.4	26.2	128.0						
YAV120F2M8	120	M8	44.5	3.8	26.2	29.0	102.9	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	15	27
YAV120F2M10		M10	44.5	3.8	26.2	29.0	106.2						
YAV120F2M12		M12	44.5	3.8	26.2	29.0	112.5						
YAV120F2M14		M14	44.5	3.8	26.2	29.0	113.5						
YAV120F2M16		M16	44.5	3.8	26.2	29.0	118.9						
YAV120F2M20		M20	44.5	3.8	26.2	29.0	130.0						
YAV150F2M8	150	M8	44.5	4.6	26.9	32.8	104.9	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	17	29
YAV150F2M10		M10	44.5	4.6	26.9	32.8	108.2						
YAV150F2M12		M12	44.5	4.6	26.9	32.8	114.6						
YAV150F2M14		M14	44.5	4.6	26.9	32.8	115.6						
YAV150F2M16		M16	44.5	4.6	26.9	32.8	120.9						
YAV150F2M20		M20	44.5	4.6	26.9	32.8	132.1						
YAV185F2M8	185	M8	44.5	4.8	30.2	35.6	109.5	MY2911 (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	18	29
YAV185F2M10		M10	44.5	4.8	30.2	35.6	112.8						
YAV185F2M12		M12	44.5	4.8	30.2	35.6	119.1						
YAV185F2M14		M14	44.5	4.8	30.2	35.6	120.1						
YAV185F2M16		M16	44.5	4.8	30.2	35.6	125.5						
YAV185F2M20		M20	44.5	4.8	30.2	35.6	136.7						

Copper, Flex, 2-Hole, Long Barrel, Metric Lugs, Inspection Window

TYPE YAV-F2M (Continued)

Electro-Tin Plated



Notes:

All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

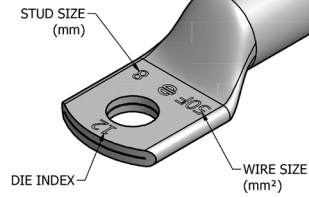
Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)			Installation Tooling					Wire Strip Length (mm)	
				Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series		Die Index
YAV240F2M10	240	M10	44.5	5.8	32.3	39.4	117.6	644 Series (1) 444 Series (1) 81K Series (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2)	20	33
YAV240F2M12		M12	44.5	5.8	32.3	39.4	123.9						
YAV240F2M14		M14	44.5	5.8	32.3	39.4	124.9						
YAV240F2M16		M16	44.5	5.8	32.3	39.4	130.3						
YAV240F2M20		M20	44.5	5.8	32.3	39.4	141.3						
YAV300F2M10		300	M10	44.5	6.9	36.8	46.7						
YAV300F2M12	M12		44.5	6.9	36.8	46.7	131.3						
YAV300F2M14	M14		44.5	6.9	36.8	46.7	132.2						
YAV300F2M16	M16		44.5	6.9	36.8	46.7	137.7						
YAV300F2M20	M20		44.5	6.9	36.8	46.7	148.7						
YAV400F2M12	400	M12	44.5	7.6	36.1	50.3	131.8	644 Series (1) 444 Series (1) 81K Series (3)	-	-	U39RT (3)	24	37
YAV400F2M14		M14	44.5	7.6	36.1	50.3	132.8						
YAV400F2M16		M16	44.5	7.6	36.1	50.3	138.2						
YAV400F2M20		M20	44.5	7.6	36.1	50.3	149.2						
YAV500F2M12	500	M12	44.5	8.4	41.9	55.6	140.9	-	-	U44XRT (3) †P44XRT (3)	LI15	43	
YAV500F2M16		M16	44.5	8.4	41.9	55.6	147.3						
YAV500F2M20		M20	44.5	8.4	41.9	55.6	158.4						
YAV630F2M12	630	M12	44.5	9.9	50.8	68.3	154.9	-	-	† P46RT (3)	31	55	
YAV630F2M16		M16	44.5	9.9	50.8	68.3	161.3						
YAV630F2M20		M20	44.5	9.9	50.8	68.3	172.4						

Copper, Flex, 1-Hole, Long, Metric, No Skive

TYPE YALB-FM HYLUG™

Rated for 90° C, Up to 35 kV ◆

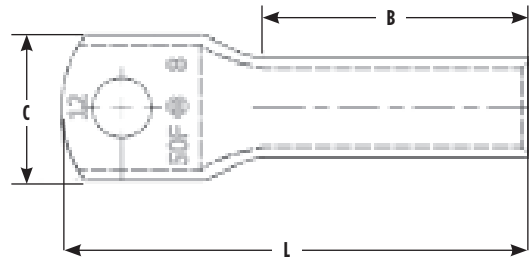
Made from electrolytic copper tube and is electro-tin plated. Wire range is from 50 mm² to 630 mm² Class 5. Compatible to IEC61238-1.

Electro-Tin
Plated

NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Connectors are clearly marked with stamping



Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, 1-Hole, Long, Metric, No Skive

TYPE YALB-FM (Continued)

Electro-Tin Plated

Notes:

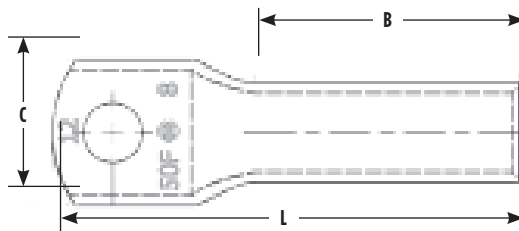
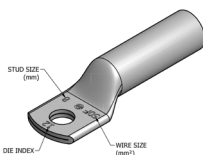
All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADP1 Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required



Catalog Number	Wire Range (MM2)	Stud Size	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
			Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YALB50FM6	50	M6	3.0	38.1	21.1	65.5	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	12	40
YALB50FM8		M8	3.0	38.1	21.1	67.3						
YALB50FM10		M10	3.0	38.1	21.1	70.4						
YALB50FM12		M12	3.0	38.1	21.1	76.7						
YALB50FM14		M14	3.0	38.1	21.1	77.7						
YALB50FM16		M16	3.0	38.1	21.1	86.4						
YALB70FM6	70	M6	3.3	38.1	23.6	66.3	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	13	
YALB70FM8		M8	3.3	38.1	23.6	68.5						
YALB70FM10		M10	3.3	38.1	23.6	71.7						
YALB70FM12		M12	3.3	38.1	23.6	78.0						
YALB70FM14		M14	3.3	38.1	23.6	79.0						
YALB70FM16		M16	3.3	38.1	23.6	84.3						
YALB95FM8	95	M8	3.6	38.1	26.2	68.8	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	14	
YALB95FM10		M10	3.6	38.1	26.2	72.1						
YALB95FM12		M12	3.6	38.1	26.2	78.5						
YALB95FM14		M14	3.6	38.1	26.2	79.5						
YALB95FM16		M16	3.6	38.1	26.2	84.8						
YALB95FM20		M20	3.6	38.1	26.2	96.0						
YALB120FM8	120	M8	3.8	41.1	29.0	73.9	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	15	
YALB120FM10		M10	3.8	41.1	29.0	79.5						
YALB120FM12		M12	3.8	41.1	29.0	83.6						
YALB120FM14		M14	3.8	41.1	29.0	84.6						
YALB120FM16		M16	3.8	41.1	29.0	89.9						
YALB120FM20		M20	3.8	41.1	29.0	101.1						
YALB150FM8	150	M8	4.3	50.8	32.8	85.1	644 Series (1) 444 Series (1) 81K Series (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	17	
YALB150FM10		M10	4.3	50.8	32.8	88.4						
YALB150FM12		M12	4.3	50.8	32.8	94.7						
YALB150FM14		M14	4.3	50.8	32.8	95.3						
YALB150FM16		M16	4.3	50.8	32.8	101.1						
YALB150FM20		M20	4.3	50.8	32.8	112.3						

Copper, Flex, 1-Hole, Long, Metric, No Skive

TYPE YALB-FM (Continued)

Electro-Tin Plated

Notes:

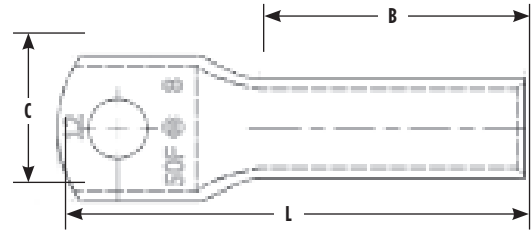
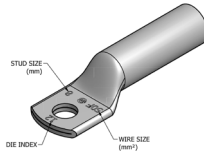
All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required



Catalog Number	Wire Range (MM2)	Stud Size	Dimensions (mm)			Installation Tooling					Wire Strip Length (mm)	
			Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series		Die Index
YALB185FM8	185	M8	4.8	53.8	35.6	88.6	644 Series (1) 444 Series (1) 81K Series (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	18	52
YALB185FM10		M10	4.8	53.8	35.6	91.7						
YALB185FM12		M12	4.8	53.8	35.6	98.0						
YALB185FM14		M14	4.8	53.8	35.6	99.1						
YALB185FM16		M16	4.8	53.8	35.6	104.4						
YALB185FM20		M20	4.8	53.8	35.6	115.6						
YALB240FM10	240	M10	5.6	57.2	39.4	98.0	644 Series (1) 444 Series (1) 81K Series (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4)	20	59
YALB240FM12		M12	5.6	57.2	39.4	105.2						
YALB240FM14		M14	5.6	57.2	39.4	106.2						
YALB240FM16		M16	5.6	57.2	39.4	111.5						
YALB240FM20		M20	5.6	57.2	39.4	122.4						
YALB300FM10	300	M10	6.9	71.4	46.7	114.8	644 Series (1) 444 Series (1) 81K Series (4)			U36RT (4)	22	73
YALB300FM12		M12	6.9	71.4	46.7	121.2						
YALB300FM14		M14	6.9	71.4	46.7	122.2						
YALB300FM16		M16	6.9	71.4	46.7	127.5						
YALB300FM20		M20	6.9	71.4	46.7	138.7						
YALB400FM12	400	M12	7.6	74.7	50.3	127.0	644 Series (1) 444 Series (1) 81K Series (4)	-	-	U39RT (4)	24	76
YALB400FM14		M14	7.6	74.7	50.3	128.0						
YALB400FM16		M16	7.6	74.7	50.3	133.4						
YALB400FM20		M20	7.6	74.7	50.3	144.5						
YALB500FM12	500	M12	8.1	76.2	55.6	132.1	644 Series (1) 444 Series (1) 81K Series (4)			U44XRT (4) †P44XRT (4)	1115	78
YALB500FM16		M16	8.1	76.2	55.6	138.4						
YALB500FM20		M20	8.1	76.2	55.6	149.4						
YALB630FM12	630	M12	9.9	81.0	68.3	140.5	-			† P46RT (6)	31	83
YALB630FM16		M16	9.9	81.0	68.3	146.8						
YALB630FM20		M20	9.9	81.0	68.3	158.0						

Copper, Flex, 2-Hole, Long, Metric Lugs, No Skive

TYPE YALB-F2M HYLUG™

Rated for 90° C, Up to 35 kV ♦

Made from electrolytic copper tube and is electro-tin plated. Wire range is from 50 mm² to 630 mm² Class 5. Compatible to IEC61238-1.

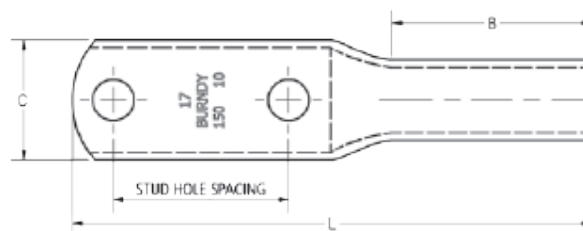
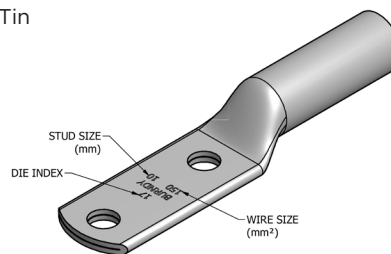
Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during installation
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- Electro-tin plated unless specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Compatible Standards: IEC61238-1, UL 486A-486B, CSA-C22.2 No. 65-03
- Connectors are clearly marked with stamping

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Electro-Tin
Plated



Notes:

All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.
 * Use equivalent AWG setting on tool for installation
 ** PUADP1 Adaptor is required to use U Dies in 46 Series Tools
 † P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Copper, Flex, 2-Hole, Long, Metric Lugs, No Skive

TYPE YALB-F2M (Continued)

Notes:

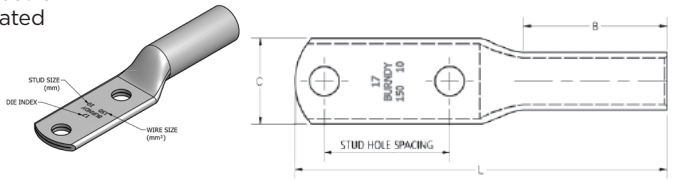
All dimensions shown are for reference only.
 Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation

** PUADPI Adaptor is required to use U Dies in 46 Series Tools

† P-RT Die Sets for use in 46 Series Tools only, PUADPI Adaptor not required

Electro-Tin
Plated

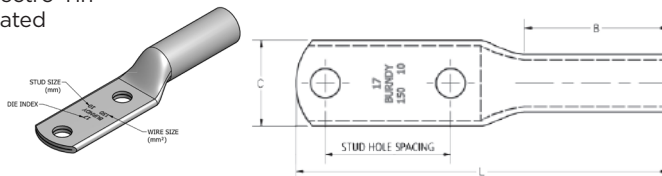


Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)				Installation Tooling					Wire Strip Length (mm)
				Tongue Width	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series	Die Index	
YALB50F2M6	50	M6	44.5	3.0	38.1	21.1	110.2	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2)	12	40
YALB50F2M8		M8	44.5	3.0	38.1	21.1	112.0						
YALB50F2M10		M10	44.5	3.0	38.1	21.1	115.1						
YALB50F2M12		M12	44.5	3.0	38.1	21.1	121.4						
YALB50F2M14		M14	44.5	3.0	38.1	21.1	122.4						
YALB50F2M16		M16	44.5	3.0	38.1	21.1	131.1						
YALB70F2M6	70	M6	44.5	3.3	38.1	23.6	111.0	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	13	40
YALB70F2M8		M8	44.5	3.3	38.1	23.6	113.3						
YALB70F2M10		M10	44.5	3.3	38.1	23.6	116.3						
YALB70F2M12		M12	44.5	3.3	38.1	23.6	122.7						
YALB70F2M14		M14	44.5	3.3	38.1	23.6	123.7						
YALB70F2M16		M16	44.5	3.3	38.1	23.6	129.0						
YALB95F2M8	95	M8	44.5	3.6	38.1	26.2	114.3	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	14	40
YALB95F2M10		M10	44.5	3.6	38.1	26.2	117.6						
YALB95F2M12		M12	44.5	3.6	38.1	26.2	124.0						
YALB95F2M14		M14	44.5	3.6	38.1	26.2	125.0						
YALB95F2M16		M16	44.5	3.6	38.1	26.2	130.3						
YALB95F2M20		M20	44.5	3.6	38.1	26.2	141.2						
YALB120F2M8	120	M8	44.5	3.8	41.1	29.0	118.6	MY2911 (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	15	43
YALB120F2M10		M10	44.5	3.8	41.1	29.0	124.2						
YALB120F2M12		M12	44.5	3.8	41.1	29.0	128.3						
YALB120F2M14		M14	44.5	3.8	41.1	29.0	129.3						
YALB120F2M16		M16	44.5	3.8	41.1	29.0	134.6						
YALB120F2M20		M20	44.5	4.3	41.1	30.5	145.8						
YALB150F2M8	150	M8	44.5	4.3	50.8	32.8	129.8	644 Series (1) 444 Series (1) 81K Series (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4)	17	52
YALB150F2M10		M10	44.5	4.3	50.8	32.8	133.1						
YALB150F2M12		M12	44.5	4.3	50.8	32.8	139.4						
YALB150F2M14		M14	44.5	4.3	50.8	32.8	140.0						
YALB150F2M16		M16	44.5	4.3	50.8	32.8	145.8						
YALB150F2M20		M20	44.5	4.3	50.8	32.8	157.0						

Copper, Flex, 2-Hole, Long, Metric Lugs, No Skive

TYPE YALB-F2M (Continued)

Electro-Tin
Plated



Notes:

All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

* Use equivalent AWG setting on tool for installation
** PUADP1 Adaptor is required to use U Dies in 46 Series Tools
† P-RT Die Sets for use in 46 Series Tools only, PUADP1 Adaptor not required

Catalog Number	Wire Range (MM2)	Stud Size	Stud Hole Spacing	Dimensions (mm)			Installation Tooling					Wire Strip Length (mm)	
				Tongue Thickness	(B)	(C)	(L)	Dieless*	MD6, MD734R	500 Series	35, 750, 46** Series		Die Index
YALB185F2M8	185	M8	44.5	4.8	53.8	35.6	134.1	644 Series (1) 444 Series (1) 81K Series (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4)	18	52
YALB185F2M10		M10	44.5	4.8	53.8	35.6	137.4						
YALB185F2M12		M12	44.5	4.8	53.8	35.6	143.8						
YALB185F2M14		M14	44.5	4.8	53.8	35.6	144.8						
YALB185F2M16		M16	44.5	4.8	53.8	35.6	150.1						
YALB185F2M20		M20	44.5	4.8	53.8	35.6	161.3						
YALB240F2M10	240	M10	44.5	5.6	57.2	39.4	142.7	644 Series (1) 444 Series (1) 81K Series (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4)	20	59
YALB240F2M12		M12	44.5	5.6	57.2	39.4	149.9						
YALB240F2M14		M14	44.5	5.6	57.2	39.4	150.9						
YALB240F2M16		M16	44.5	5.6	57.2	39.4	156.2						
YALB240F2M20		M20	44.5	5.6	57.2	39.4	167.1						
YALB300F2M10	300	M10	44.5	6.9	71.4	46.7	160.8	644 Series (1) 444 Series (1) 81K Series (4)	-	-	U36RT (4)	22	73
YALB300F2M12		M12	44.5	6.9	71.4	46.7	167.1						
YALB300F2M14		M14	44.5	6.9	71.4	46.7	168.1						
YALB300F2M16		M16	44.5	6.9	71.4	46.7	173.5						
YALB300F2M20		M20	44.5	6.9	71.4	46.7	184.7						
YALB400F2M12	400	M12	44.5	7.6	74.7	50.3	171.7	-	-	-	U39RT (4)	24	76
YALB400F2M14		M14	44.5	7.6	74.7	50.3	172.7						
YALB400F2M16		M16	44.5	7.6	74.7	50.3	178.1						
YALB400F2M20		M20	44.5	7.6	74.7	50.3	189.2						
YALB500F2M12	500	M12	44.5	8.1	76.2	55.6	176.8	-	-	-	U44XRT (4) †P44XRT (4)	L115	78
YALB500F2M16		M16	44.5	8.1	76.2	55.6	183.1						
YALB500F2M20		M20	44.5	8.1	76.2	55.6	194.1						
YALB630F2M12	630	M12	44.5	9.9	81.0	68.3	186.9	-	-	-	† P46RT (6)	31	83
YALB630F2M16		M16	44.5	9.9	81.0	68.3	193.3						
YALB630F2M20		M20	44.5	9.9	81.0	68.3	204.5						

HYPLUG™ Adapters for Copper Conductor

TYPES YE-V-P-FX, YE-P-FX HYPLUG™

Wire Connector Adapter Rated for 90° C,
Up to 35 kV ♦



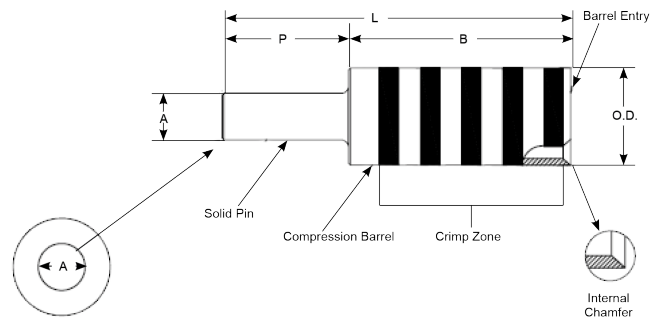
WIRE
CONNECTOR
ADAPTER



Types YE-V-P-FX and YE-P-FX copper compression adapters are designed for reliable termination of copper conductor when the current capacity of the conductor is downsized, but larger conductor is utilized. Typical applications are for voltage drop protection when oversized conductors are used or flex conductor is used. These adapters facilitate the termination into existing mechanical set screw connectors for various stranded copper cables.

Features & Benefits

- Connector: Uninsulated copper compression pin adapter
- Connection: irreversible and maintenance free
- cULus Listed Wire-Connector Adapters; Tested in accordance to UL 486A-486B Wire Connector Adapters, CSA C22.2 No. 65 Wire Connectors
 - For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief applications
- Connectors without covers: Temperature and voltage rating 90°C, up to 35kV
- Accommodates a variety of conductor types and sizes (see tables for specifics)
 - Code Copper Wire Class B (Concentric, Compressed, Compact), Class C
 - Flexible Wire Classes
- Pin Adapters are tin plated unless otherwise specified; other plating options available (add suffix applicable)
 - Nickel (-NK), Silver (-SV), Tin-Zinc (-TZ), Unplated Bare (-BR)
- Pin adapters are clearly marked with wire size, color code, and crimp location bands
- Barrel designed with an internal chamfer at the wire entry to ensure smooth wire insertion
- Long barrel lengths allow for an increased number of crimps, increasing the mechanical strength of the connection
- In order to obtain a UL Listing and CSA Certification BURNDY certified its products using the BURNDY Engineered System. BURNDY connectors can receive a UL Listing and CSA Certification with other crimp tool manufacturers installation tools
- Solid pin design is rated to carry the equivalent ampacity of the incoming wire being terminated
- Covers are supplied with the connectors
 - Material types include: Santoprene or PVC
 - UL Listed and CSA Certified; Temperature and voltage rating up to 90°C and 600 Volts
- For installation instructions, see the product sales drawing that can be found on our website

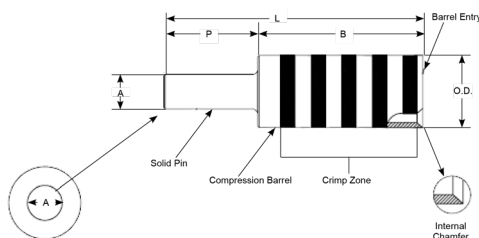


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

HYPLUG™ Adapters for Copper Conductor

TYPES YE-V-P-FX, YE-P-FX (Continued)



Note: up to 600 Volts, 90°C EPDM or Santoprene rubber covers supplied with the connector

Catalog Number	Accommodates Copper Wire Sizes		Pin Size Solid Wire Equiviv.	Dimensions					Color Code Die Index	Wire Strip Length (IN)	Cover Catalog Number
	Code Conductor Class B,C	Flex Conductor Classes (as listed)		Outside Dia. (OD)	Overall Length (L)	Barrel Length (B)	Pin Length (P)	Pin Dia. (A)			
YE4CP6X75FX	4 AWG	4 G,H,I,K,M, DLO	6 AWG	0.38	2.05	1.30	0.75	0.16	Gray 8	1-1/4	AYP6C
YE2CP4X75FX	2 AWG	2 G,H,I,K,M, DLO	4 AWG	0.46	2.07	1.32	0.75	0.21	Brown 10	1-1/4	AYP6C
YE1CP3X84FX	1 AWG	1 G,H,I,K,M, DLO	3 AWG	0.51	2.17	1.33	0.84	0.23	Green 11	1-1/4	AYP6C
YE25P2X84FX	1/0 AWG	1/0 G,H,I,K,M, DLO	2 AWG	0.56	2.54	1.70	0.84	0.26	Pink 12	1-3/4	AYP26C
YE26P1X84FX	2/0 AWG	2/0 G,H,I,K,M, DLO	1 AWG	0.63	2.56	1.72	0.84	0.29	Black 13	1-3/4	AYP26C
YE27P1/0X84FX	3/0 AWG	3/0 G,H,I,K,M, DLO	1/0 AWG	0.70	2.58	1.74	0.84	0.33	Orange 14	1-3/4	AYP26C
YE28P2/0X100FX	4/0 AWG	4/0 G,H,I,K,M, DLO	2/0 AWG	0.77	2.76	1.76	1.00	0.37	Purple 15	1-3/4	AYP26C
YE29P3/0X109FX	250 kcmil	4/0 G,H,I,K,M, DLO	3/0 AWG	0.80	2.85	1.76	1.09	0.41	Yellow 16	1-3/4	AYP26C
YE31P4/0X110FX	300 kcmil 350 kcmil	250 kcmil G,H,I,K 262 kcmil DLO	4/0 AWG	0.88	3.47	2.37	1.10	0.46	White 17	2-1/4	AYP250C
YE32P250X125FX	400 kcmil	300 kcmil G,H,I,K 313 kcmil DLO	250 kcmil	0.95	3.64	2.39	1.25	0.51	Blue 19	2-1/4	AYP250C
YE34P250X125FX	500 kcmil	350 kcmil G,H,I,K 373 kcmil DLO	250 kcmil	1.06	3.66	2.41	1.25	0.51	Brown 20	2-1/4	AYP250C
YE36P350X150FX	600 kcmil	500 kcmil G,H 444 kcmil DLO	350 kcmil	1.19	3.72	2.22	1.50	0.59	Green 22	2-1/4	AYP400C
YE38P350X150FX	700 kcmil	500 kcmil H,I,K 550 kcmil G,H,I 535 kcmil DLO	350 kcmil	1.25	3.77	2.27	1.50	0.59	Pink 400	2-1/4	AYP400C
YE39P500X150FX	750 kcmil	600 kcmil G,H,I,K 646 kcmil DLO	500 kcmil	1.30	3.85	2.35	1.50	0.71	Black 24	2-1/4	AYP400C
YE44P600X170FX	1000 kcmil	750 kcmil G,H,I 777 kcmil DLO	600 kcmil	1.50	4.17	2.47	1.70	0.78	White 27	2-3/8	AYPO900C

Tooling Table:

Catalog Number	Color Code Die Index	Wire Strip Length	Installation Tools (# Crimps)						
			MD6, 600, 500 Series (W-VT Dies)	MD6, 600, 500 Series (W-RT Dies)	750, 35 Series	45 Series (Use PT6515 with U Dies)	46 Series (Use with PUADPT with U Dies)	81K, 4PC Series (Dieless)	Y644MBH Remote Head (Dieless)
YE4CP6X75FX	Gray 8	1-1/4	W4CVT (2)	W4CRT (2)	U4CRT (2)	U4CRT (2)	U4CRT (2)	2 Crimps	1 Crimp
YE2CP4X75FX	Brown 10	1-1/4	W2CVT (2)	W2CRT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	2 Crimps	1 Crimp
YE1CP3X84FX	Green 11	1-1/4	W1CVT (2)	W1CRT (2)	U1CRT (2)	U1CRT (2)	U1CRT (2)	2 Crimps	1 Crimp
YE25P2X84FX	Pink 12	1-3/4	W25VT (2)	W25RT (4)	U25RT (2)	U25RT (2)	U25RT (2)	2 Crimps	1 Crimp
YE26P1X84FX	Black 13	1-3/4	W26VT (2)	W26RT (4)	U26RT (2)	U26RT (2)	U26RT (2)	2 Crimps	1 Crimp
YE27P1/0X84FX	Orange 14	1-3/4	W27VT (2)	W27RT (4)	U27RT (2)	U27RT (2)	U27RT (2)	2 Crimps	1 Crimp
YE28P2/0X100FX	Purple 15	1-3/4	W28VT (2)	W28RT (4)	U28RT (2)	U28RT (2)	U28RT (2)	2 Crimps	1 Crimp
YE29P3/0X109FX	Yellow 16	1-3/4	W29VT (2)	W29RT (4)	U29RT (2)	U29RT (2)	U29RT (2)	2 Crimps	1 Crimp
YE31P4/0X110FX	White 17	2-1/4	—	W30RT (4)	U30RT (4)	U30RT (4)	U30RT (4)	3 Crimps	1 Crimp
YE32P250X125FX	Blue 19	2-1/4	—	W32RT (4)	U32RT (4)	U32RT (4)	U32RT (4)	3 Crimps	1 Crimp
YE34P250X125FX	Brown 20	2-1/4	—	W34RT (4)	U34RT (4)	U34RT (4)	U34RT (4)	3 Crimps	1 Crimp
YE36P350X150FX	Green 22	2-1/4	—	—	U36RT (4)	U36RT (4)	U36RT (4)	3 Crimps	1 Crimp
YE38P350X150FX	Pink 400	2-1/4	—	—	U38RT (4)	U38RT (4)	U38RT (4)	3 Crimps	1 Crimp
YE39P500X150FX	Black 24	2-1/4	—	—	U39RT (4)	S39RT (4)	P39RT (4)	3 Crimps	1 Crimp
YE44P600X170FX	White 27	2-3/8	—	—	—	S44RT (4)	P44RT (4)	3 Crimps	1 Crimp

Copper / Aluminum HYSTACK™ Terminal Stacking Adapters

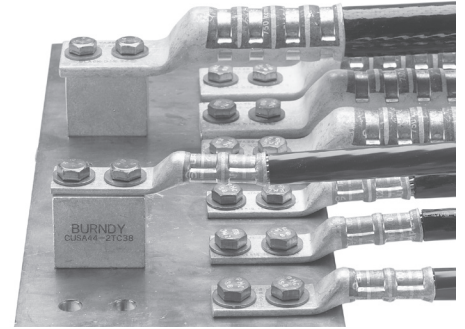
TYPE CUSA HYSTACK™ Terminal Stacking Adapter

The HYSTACK™ adapter is specially designed to get terminals to the back end of a bus bar or other areas that require terminals to be elevated off the mounting surface. These HYSTACK™ adapters are made from high conductivity copper and tin-plated to provide optimum corrosion resistance. It will accommodate #10 AWG through 750 kcmil HYLUG™ terminals.



Features & Benefits

- For use on terminals made from copper
- Designed specifically for stacking standard terminals; uses include:
 - Place the stacking adapter on the mounting plate and a terminal on top of the stacking adapter and bolt down
 - Placing a stacking adapter on a terminal pad that will be mounted to a bus bar or mounting plate and a terminal on top of the stacking adapter, and bolt down
- May be used with standard NEMA two and four hole terminals; to stack four hole NEMA terminations use two stacking adapters assembled side-by-side
- Stacking adapters are clearly marked



Catalog Number	Stud Hole Size	Stud Hole Spacing	Length (L)	Width (W)	Height (H)
CUSA442TC38	3/8	1	1.75	1.12	1.50
CUSA442NTC	1/2	1-3/4	3.00	1.12	1.50

Note: All dimensions shown are for reference only.

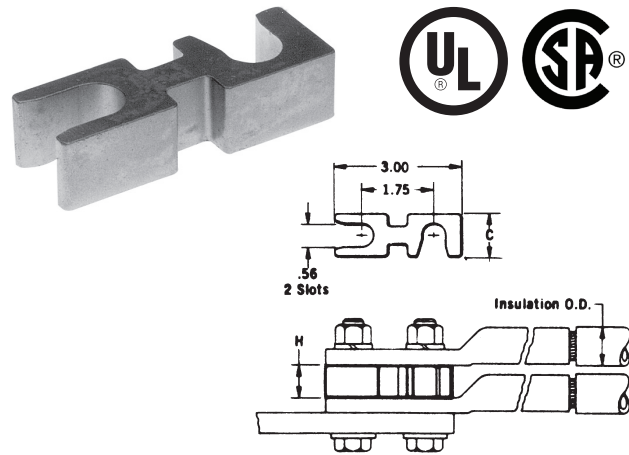
Reference: Catalog Number TMH332

This TMH332 Kit has just the right hardware when using the CUSA442TC38 HYSTACK on a 1/4 bus bar with a 4/0 through 750 kcmil HYLUG™.

TYPE ASA-U HYSTACK™ Terminal Stacking Adapter

UL Listed 90° C, Up to 35 kV ♦

The HYSTACK™ adapter is specially designed to allow standard terminals to be stacked on two or four hole NEMA transformer or equipment terminal pads. HYSTACK™ adapters are tin-plated, high conductivity aluminum to provide optimum corrosion resistance. Only three sizes accommodate terminals from 250 kcmil through 1000 kcmil to help keep costly inventories to a minimum.



Features & Benefits

- For use on terminals made from copper or aluminum material
- Designed specifically for stacking standard terminals; uses include:
 - Place the stacking adapter on the mounting plate and a terminal on top of the stacking adapter and bolt down
 - Placing a stacking adapter on a terminal pad that will be mounted to a bus bar or mounting plate and a terminal on top of the stacking adapter, and bolt down
- May be used with standard NEMA two and four hole terminals; to stack four hole NEMA terminations use two stacking adapters assembled side-by-side
- Only three sizes necessary to accommodate terminals from 250 kcmil through 1000 kcmil, minimizing inventory requirements
- Stacking adapters are clearly marked

Accommodates Copper and Aluminum Compression Terminals		Catalog Number	Width (W)	Height (H)
Conductor Max.	Insulation O.D.			
250 kcmil	0.87	ASA250U	1.00	0.77
800 kcmil	1.37	ASA800U	1.00	1.13
1000 kcmil	1.49	ASA1000U	1.25	1.25

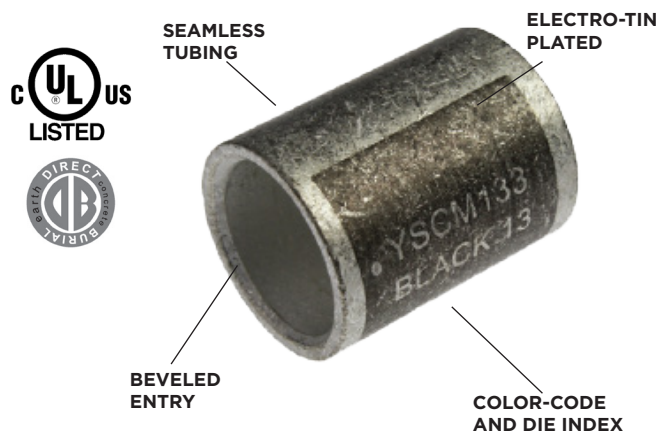
Notes:

All dimensions shown are for reference only.
 To stack 4-hole NEMA drilled terminals, use 2 adaptors assembled side by side.
 ASA-U stacking adaptors are recommended for use with any BURNDY UL Listed compression terminal, 2 or 4-hole NEMA pad aluminum and copper lugs, types YA, YA-L, YA-A, and for all 2-hole NEMA spaced lugs in the OVERHEAD and UNDERGROUND catalog sections.

Color-Coded Parallel Splice

TYPE YSCM Color-Coded HYLINK™ Uninsulated Parallel Splice

Type YSCM HYLINK™ seamless parallel splice connectors permit stranded wires to be laid parallel inside the connector and spliced together with BURNDY® compression tools. Each YSCM style splice accommodates a wide range of conductors and is color-coded to ensure proper tool and die match. Type YSCM connectors are cULus 486A-486B Listed Wire Connectors and UL 467 for Grounding and Bonding, and UL 467 rated for Direct Burial in earth and concrete.

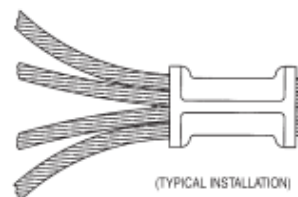
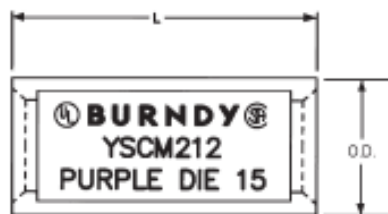


Features & Benefits

- Copper seamless barrel uninsulated parallel splice
- Designed to accommodate a wide range of stranded wires to be laid parallel inside the barrel and spliced together
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Barrel is color coded to ensure proper die and installation tooling is selected
- Type YSCM Uninsulated Parallel Splices are cULus Listed Wire Connectors per UL 467 for Grounding and Bonding
- UL 467 Rated for Direct Burial in earth and concrete
- UL 486A-486B Listed and CSA Certified
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



TYPE YSCM (Continued)



Notes:

1. Material: Copper per ASTM B75.
2. Finish: Tin plated. For nickel plating, add suffix "NK" to the Catalog Number.
- * Recommended strip length. Strip length dependant on size, no. of wires and insulation thickness.
- † Refer to Circular Mil Table per ASTM B8 for total Class B Circular Mil calculations.
- * YSCM231 can also be installed with MY293 and retain Listings.

Catalog Number	Conductor Range Cable Circular Mils	Dimensions Inches [mm]		Color Code	Die Index	Recommended Installation Tooling		Wire Strip Length (IN)
		L ±.03	O.D. ±.01			500, 600 Series	35, 750 Series	
YSCM17	13,060 - 16,910	0.50 [13]	0.27 [7]	Red	49	X8CRT, W8CRT	U8CRT	11/16
YSCM27	16,910 - 26,890	0.50 [13]	0.31 [8]	Blue	7	X5CRT, W5CRT	U5CRT	11/16
YSCM42	29,970 - 41,520	0.50 [13]	0.38 [10]	Gray	8	X4CRT, W4CRT	U4CRT	11/16
YSCM66	42,750 - 66,040	0.62 [16]	0.47 [12]	Brown	10	X2CRT, W2CRT	U2CRT	3/4
YSCM80	67,980 - 80,020	0.62 [16]	0.52 [13]	Green	11	X1CRT, W1CRT1	U1CRT1	3/4
YSCM104	82,870 - 103,630	0.69 [18]	0.57 [14]	Pink	12	X25RT, W25RT	U25RT	15/16
YSCM133	104,960 - 133,220	0.81 [21]	0.64 [16]	Black	13	X26RT, W26RT	U26RT	1-1/16
YSCM167	134,340 - 166,560	0.81 [21]	0.70 [18]	Orange	14	X27RT, W27RT	U27RT	1-1/16
YSCM212	167,380 - 211,820	0.88 [22]	0.78 [20]	Purple	15	X28RT, W28RT	U28RT	1-1/16
YSCM231	- 230,800	1.05 [27]	0.81 [21]	Yellow	16	X29RT, W29RT	U29RT	1-1/16

Add the circular mils of the wires you wish to splice; that sum would be used to determine the correct splice using the Min/Max on the table above.

The table to the right is for reference only.

Circular Mil Table per ASTM B8			
Size		ASTM Strandings	
Circular Mils	AWG	Class	Cable Diameter (in)
1,022	20	B	0.036
1,624	18	B	0.045
2,583	16	B	0.057
4,107	14	B	0.072
6,530	12	B	0.091
10,380	10	B	0.116
13,090	9	B	0.130
16,510	8	B	0.146
20,820	7	B	0.164
26,250	6	B	0.184
33,100	5	B	0.206
41,740	4	AA	0.254
41,740	4	B&A	0.232
52,630	3	AA	0.285
52,630	3	B&A	0.260
66,370	2	AA	0.320
66,370	2	B&A	0.292
83,690	1	AA	0.360
83,690	1	A	0.328
83,690	1	B	0.332
105,500	1/0	A&A	0.368
105,500	1/0	—	0.390
105,500	1/0	B	0.373
133,100	2/0	A&A	0.414
133,100	2/0	—	0.438
133,100	2/0	B	0.419
167,800	3/0	A&A	0.464
167,800	3/0	—	0.492
167,800	3/0	B	0.470
211,600	4/0	A&A	0.522
211,600	4/0	—	0.522
211,600	4/0	B	0.528

Copper, Code, Standard Barrel, Splice

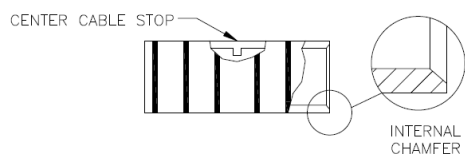
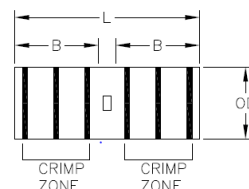
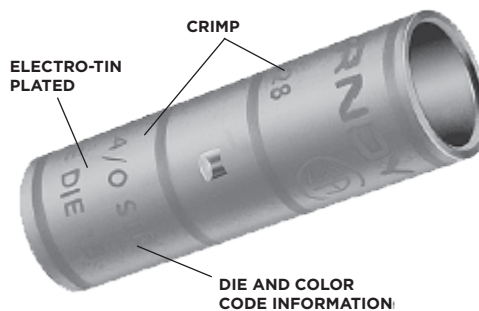
TYPE YS-L, HYLINK™ Splice

UL Listed 90° C, Up to 35 kV ♦



Features & Benefits

- Copper seamless barrel has center stop indentations used to indicate when wire is fully inserted into each side of the barrel
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Short/standard length barrel is recommended for installation with limited space requirements
- Connectors clearly marked with color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Note: All dimensions shown are for reference only.
 ▲ See tooling section of this catalog for complete tool and die listings.
 * Use PUADP1 adapter with U dies in 46 Series.
 ** P44RT for use with 46 Series only. PUADP1 adaptor not required.
 *** The MM2 conductor sizes listed are the recommendations for Class 2 conductor.
 ■ The maximum size for the Y35 is 400 kcmil insulated code cable.
 ♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Catalog Number	Conductor		Dimensions			Dieless (# of crimps)	Installation Tooling ▲					Wire Strip Length (IN)	
	Code (B, C)	*** MM ²	Outside Diameter (O.D.)	L	B		Mechanical			35 ■, 750, 46* Series			
							Y122CMR Y122CMR	MD734R	MD6	Die Number (# crimps)	Color Code		▲ Die Index
YS8CLBOX	8 AWG	10	0.27	1.00	0.44	81K Series (1)	Y122CMR (1) Y1MRTC (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	1/2
YS6CLBOX	6 AWG	—	0.29	1.75	0.81			W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	7/8
YS5CLBOX	5 AWG	16	0.30	1.90	0.81		Y122CMR (1) Y1MRTC (2)	W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8
YS4CLBOX	4 AWG	—	0.34	1.75	0.81			—	—	U3CRT (1)	White	9	15/16
YS3CL	3 AWG 2 Sol	25	0.38	2.05	0.88			W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10	15/16
YS2CLBOX	2 AWG	—	0.42	2.00	0.88			W1CVT (1)	X1CRT (1)	U1CRT (1)	Green	11	15/16
YS1CLBOX	1 AWG	50	0.46	2.06	0.88			W25VT (2)	X25RT (2)	U25RT (1)	Pink	12	15/16
YS25LBOX	1/0 AWG	—	0.51	2.08	0.88			W26VT (2)	X26RT (2)	U26RT (1)	Black	13	1
YS26LBOX	2/0 AWG	70	0.56	2.17	0.94			W27VT (2)	X27RT (2)	U27RT (1)	Orange	14	1-1/16
YS27LBOX	3/0 AWG	95	0.62	2.30	1.00			W28VT (2)	X28RT (2)	U28RT (1)	Purple	15	1-1/16
YS28LBOX	4/0 AWG	—	0.69	2.32	1.00	81K Series (2)	—	W29VT (2)	—	U29RT (1)	Yellow	16	1-1/8
YS29LBOX	250 kcmil	120	0.75	2.46	1.06			W30VT (2)	—	U30RT (2)	White	17	1-1/8
YS30L	300 kcmil	150	0.81	2.47	1.06			W31VT (2)	—	U31RT (2)	Red	18	1-3/16
YS31L	350 kcmil	185	0.88	2.60	1.12			W32VT (2)	—	U32RT (2)	Blue	19	1-1/4
YS32L	400 kcmil	—	0.95	2.74	1.19			W33VT (2)	—	U33RT (2)	Blue	19	1-1/4
YS34L	500 kcmil	240	1.06	3.15	1.38			W34VT (2)	—	U34RT (2)	Brown	20	1-7/16
YS36L	600 kcmil	300	1.18	3.22	1.38			81K Series (3)	—	U36RT (2)	Green	22	1-7/16
YS38L	700 kcmil	—	1.25	3.22	1.38					U38RT (2)	Pink	400	1-7/16
YS39L	750 kcmil	—	1.30	3.72	1.62					U39RT (2)	Black	24	1-11/16
YS44L	1000 kcmil	500	1.49	4.28	1.88					P44RT (3)**	White	27	1-15/16

Copper, Code, Long Barrel, Splice

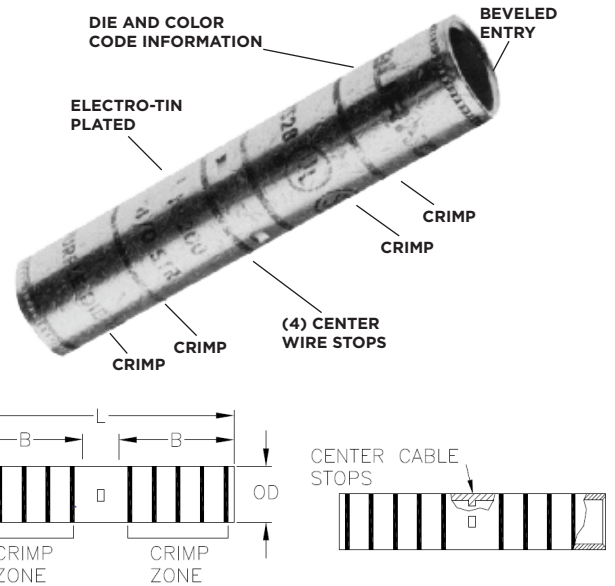
TYPE YS, HYLINK™ Splice, Long Barrel

UL Listed 90° C, Up to 35 kV ♦



Features & Benefits

- Copper seamless barrel has center stop indentations used to indicate when wire is fully inserted into each side of the barrel
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire,
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Barrel is color coded to ensure proper die and installation tooling is selected
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Notes:

All dimensions shown are for reference only.

① Not color coded.

* Use PUADP1 adapter with U dies in 46 Series.

** P44RT for use with 46 Series tooling only. PUADP1 adapter not required.

*** The MM2 conductor sizes listed are the recommendations for Class 2 conductor.

- The maximum size for the Y35 is 400 kcmil.
- ▲ See tooling section of this catalog for complete tool and die listings
- ♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- † Requires 60 Ton Series with L48RT die set.

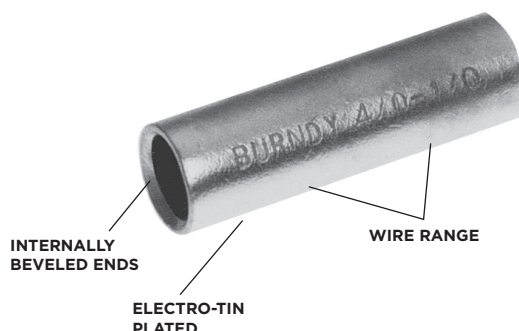
Catalog Number	Conductor		Outside Diameter (O.D.)	Dimensions		Dieless (# of crimps)	Installation Tooling ▲					Wire Strip Length (IN)	
	Code (B, C)	mm ² ***		L	B		Mechanical			35 ■, 750, 46* Series			Die Index ▲
							Y1MRTC Y122CMR	MD734R	MD6	Die Number (# crimps)	Color Code		
YS8C	8 AWG	10	0.27	1.75	0.78	81K Series (1)	Y122CMR (2)	W8CVT (2)	X8CRT (2)	U8CRT (2)	Red	49	7/8
YS6C	6 AWG	—	0.29	2.38	1.09		Y1MRTC (2)	W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7	1-3/16
YS5C	5 AWG	16	0.30	2.55	1.09		W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7	1-3/16	
YS4C	4 AWG	—	0.34	2.55	1.09		W4CVT (2)	X4CRT (2)	U4CRT (2)	Gray	8	1-3/16	
YS3C	3 AWG / 2 Sol	25	0.38	2.80	1.22	81K Series (2)	Y122CMR (4)	—	W3CRT (2)	—	White	9	1-5/16
YS2C	2 AWG	35	0.42	2.82	1.22		Y1MRTC (4)	W2CVT (2)	X2CRT (2)	U2CRT (2)	Brown	10	1-5/16
YS1C	1 AWG	50	0.46	3.07	1.34		W1CVT (2)	X1CRT1 (2)	U1CRT1 (2)	Green	11	1-7/16	
YS25	1/0 AWG	—	0.51	3.08	1.34		—	W25VT (4)	X25RT (4)	U25RT (2)	Pink	12	1-7/16
YS26	2/0 AWG	70	0.56	3.30	1.45		—	W26VT (4)	X26RT (4)	U26RT (2)	Black	13	1-9/16
YS27	3/0 AWG	—	0.62	3.30	1.45		—	W27VT (4)	X27RT (4)	U27RT (2)	Orange	14	1-9/16
YS28	4/0 AWG	—	0.69	3.57	1.58		—	W28VT (4)	X28RT (4)	U28RT (2)	Purple	15	1-11/16
YS29	250 kcmil	120	0.75	3.58	1.58		—	W29VT (4)	—	U29RT (2)	Yellow	16	1-11/16
YS30	300 kcmil	150	0.81	4.34	1.95		—	W30VT (4)	—	U30RT (4)	White	17	2-1/16
YS31	350 kcmil	185	0.88	4.35	1.95		81K Series (3)	—	W31VT (4)	—	U31RT (4)	Red	18
YS32	400 kcmil	—	0.95	4.62	2.08	—	W32VT (4)	—	U32RT (4)	Blue	19	2-3/16	
YS34	500 kcmil	240	1.06	4.91	2.20	81K Series (4)	—	W34VT (4)	—	U34RT (4)	Brown	20	2-5/16
YS36	600 kcmil	300	1.18	5.85	2.63		—	—	—	U36RT (4)	Green	22	2-3/4
YS39	750 kcmil	—	1.30	6.38	2.81		—	—	—	U39RT (4)	Black	24	2-15/16
YS44	1000 kcmil	500	1.49	6.55	2.94		—	—	—	P44RT (6)	White	27	3-1/16
YS46	1500 kcmil	—	1.84	7.01	3.13		—	—	—	P46RT (6)	Green	31	3-1/4
YS48	2000 kcmil	—	2.12	7.57	3.27	—	—	—	†L48RT (4)	Brown	34	3-3/8	

Copper, Code, Reducing Adapter

TYPE Y-R, Reducing Adapter for Copper

Up to 35 kV ♦

Type Y-R reducing adapter has been designed to allow large size, long barrel, copper HYDENT™, HYSPLICE™, and HYTEE™ terminals, splices and T-taps to be used on small conductor sizes. To use, simply insert the reducer into the barrel, insert the wire into the reducer adapter and crimp the outer barrel using its recommended tooling.



Features & Benefits

- Reducing adapters fit inside copper long barrel compression terminals (Type YA-), splices (Type YS-), or tap connectors
- The outside diameter of the reducing adapter is equivalent to the terminal or splice accommodating wire size, and the inside diameter of the reducer adapter is reduced to accommodate a smaller wire size
- Use the same installation tooling and die sets or dieless tool recommended for the compression terminal, splice, or tap connector with the reducing adapter
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damage of the wire strands during insertion
- Electro-tin plated, unless otherwise specified, to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Can be field modified to fit short length compression terminals (Type YA-L) and splices (Type YS-L)
- Connectors are clearly marked with stamping
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Example: Accommodate a 4/0 AWG wire on one end and a #2 AWG wire on the other:

1. Use a YS28 (which splices two 4/0 AWG wires on each end)
2. Select a Y282CR reducing adapter (reducing adapter fits the YS28 barrel with a reduced inside diameter that accommodates a #2 AWG wire size)
3. Fully insert the Y282CR reducing adapter into one end of the YS28 splice barrel
4. Insert the #2 AWG wire into the Y282CR reducing adapter that is inside the YS28 splice barrel
5. Crimp the YS28 barrel side with the Y282CR reducing adapter, using the recommended die and tool combination or dieless tool as specified for use on the YS28
6. Insert the 4/0 AWG wire into the other end of the YS28 barrel and crimp that side of the splice using the recommended installation tooling and your splice reducing connection is complete!

Catalog Number	Wire Range		Dimensions	
	From	To	Max O.D.	L
Y286CR	4/0 AWG	6,8, Str. 6 Sol.	0.53	1.75
Y284WR		4 Sol.	0.53	1.75
Y284CR		4 Str.	0.53	1.75
Y282CR		2 Str.	0.53	1.75
Y281CR		1 Str.	0.53	1.75
Y2825R		1/0 Str.	0.53	1.75
Y2826R		2/0 Str.	0.53	1.75
Y2827R		3/0 Str.	0.53	1.75
Y2928R		250 kcmil	4/0	0.58
Y304CR	300 kcmil	4	0.64	2.00
Y302CR		2	0.64	2.00
Y3025R		1/0	0.64	2.00
Y3026R		2/0	0.64	2.00
Y3027R		3/0	0.64	2.00
Y3028R		4/0	0.64	2.00
Y3126R	350 kcmil	2/0	0.69	2.00
Y3128R		4/0	0.69	2.00
Y3129R		250	0.69	2.00
Y342CR	500 kcmil	2 Str.	0.82	2.50
Y3425R		1/0 Str.	0.82	2.50
Y3426R		2/0 Str.	0.82	2.50
Y3427R		3/0 Str.	0.82	2.50
Y3428R		4/0 Str.	0.82	2.50
Y3429R		250 kcmil	0.82	2.50
Y3430R		300 kcmil	0.82	2.50
Y3431R		350 kcmil	0.82	2.50
Y3432R	400 kcmil	0.82	2.50	
Y3934R	750 kcmil	500 kcmil	1.02	2.88
Y3936R		600 kcmil	1.02	2.88
Y4439R	1000 kcmil	750 kcmil	1.30	3.00

Contact Technical Support for other sizes not listed.
 Note: All dimensions shown are for reference only.
 ♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Copper, Flex, Splice, Standard Barrel

TYPES YSV-LFX, YS-LFX HYLINK™



UL Listed 90° C, Up to 35 kV ♦

Types YSV-LFX and YS-LFX standard barrel splices for flex conductor accommodate a wide range of conductor types. Feature an internal chamfer at wire entry site to provide a smooth insertion of wire. UL486A-486B Listed and CSA Certified; UL Listed 90°C, up to 35kV.



Features & Benefits

- Connector: Uninsulated copper compression splice made from seamless copper tubing
- Connection: The connection made is irreversible and maintenance free
- UL486A-486B Listed and CSA Certified
- Temperature and Voltage Rating: UL Listed 90°C, up to 35kV
- Conductor Accommodate Types: *See table for specifics
- Code Copper Wire: Class B (Concentric, Compressed, Compact) or Class C Solid Copper Wire
- Flexible Copper Wire Classes
- Metric Class 2: Metric wire stranding
- Connectors are tin plated unless otherwise specified. Other plating suffixes: Nickel (NK), Silver (SV), Tin-Zinc (TZ), Bare (BR)
- Connectors are clearly marked with wire size, die index, color code and crimp location bands
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
- Short/Standard/Light Duty Barrel is recommended for installations with limited space requirements
- In order to obtain a UL Listing and CSA Certification, BURNDY certifies its products using the BURNDY Engineered System. BURNDY connectors can receive a UL Listing and CSA Certification with other crimp tool manufacturers installation tools

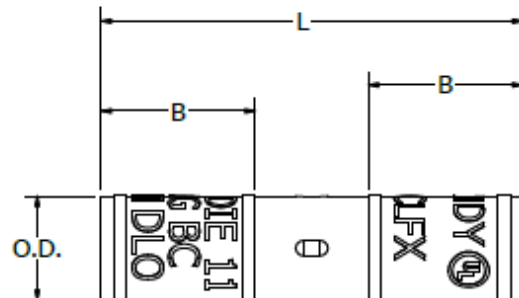


Figure 1

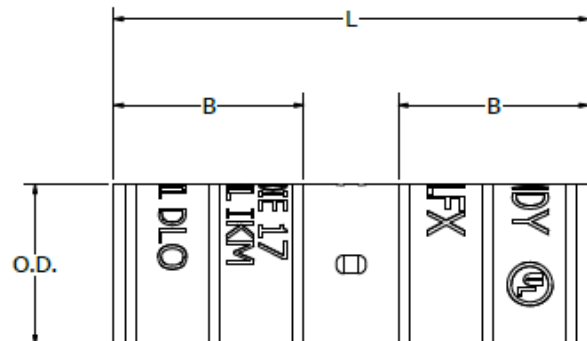


Figure 2

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, Splice, Standard Barrel

TYPES YSV-LFX, YS-LFX HYLINK™

UL Listed 90° C, Up to 35 kV ♦



Types YSV-LFX and YS-LFX standard barrel splices for flex conductor accommodate a wide range of conductor types. Feature an internal chamfer at wire entry site to provide a smooth insertion of wire. UL486A-486B Listed and CSA Certified; UL Listed 90°C, up to 35kV.

Catalog Number	Figure #	Code Conductor (B/C)	Flex Conductor (G, H, I, K, M, DLO)	Metric Conductor (MM2)	Color Code	Die Index	Dimensions			Wire Strip Length (IN)
							Outside Diameter (OD)	Barrel Length (B)	Overall Length (L)	
YS8CLBOX	1	#8 AWG	#8 AWG G,H,I,K,M,DLO	10	Red	49	0.27	0.44	1.00	1/2
YSV6CLFX		#6 AWG	#6 AWG G,H,I,K,M,DLO	16	Blue	7	0.31	0.78	1.75	7/8
YSV4CLFX		#4 AWG	#4 AWG G,H,I,K,M,DLO	—	Gray	8	0.38	0.84	2.05	7/8
YSV3CLFX		#3 AWG	#3 AWG G,H,I,K,M,DLO	—	White	9	0.42	0.84	2.00	1
YSV2CLFX		#2 AWG	#2 AWG G,H,I,K,M,DLO	35	Brown	10	0.46	0.84	2.06	1
YSV1CLFX		#1 AWG	#1 AWG G,H,I,K,M,DLO	—	Green	11	0.51	0.84	2.08	1
YSV25LFX		1/0 AWG	1/0 AWG G,H,I,K,M,DLO	50	Pink	12	0.56	0.89	2.17	1
YSV26LFX		2/0 AWG	2/0 AWG G,H,I,K,M,DLO	70	Black	13	0.63	0.89	2.17	1
YSV27LFX		3/0 AWG	3/0 AWG G,H,I,K,M,DLO	95	Orange	14	0.70	0.89	2.17	1-1/8
YSV28LFX		4/0 AWG	4/0 AWG G,H,I,K,M,DLO	120	Purple	15	0.77	0.89	2.17	1-1/8
YSV29LFX		250 kcmil	4/0 AWG G,H,I,K,M,DLO	—	Yellow	16	0.80	0.89	2.17	1-1/8
YS30LFX		2	—	250 kcmil G,H	—	Yellow	16	0.81	1.02	2.47
YS31LFX	—		250 kcmil I,K,M 262 DLO	150	White	17	0.88	1.08	2.60	1-1/4
YS32LFX	—		300 kcmil G,H,I,K,M 313 DLO	185	Red	18	0.95	1.14	2.74	1-1/4
YS34LFX	—		350 kcmil G,H,I,K,M 373 DLO	240	Blue	19	1.06	1.33	3.15	1-1/2
YS36LFX	—		500 kcmil G&H 444 DLO	—	Brown	20	1.19	1.31	3.22	1-1/2
YS38LFX	—		500 kcmil H,I,K, 550 kcmil G,H,I 535 DLO	300	Pink	199	1.25	1.31	3.22	1-1/2
YS40LFX	—		650 kcmil G 646 DLO	400	Black	24	1.35	1.56	3.75	1-5/8
YS44LFX	—		750 kcmil G,H,I 777 DLO	500	Yellow	1115	1.50	1.81	4.28	2

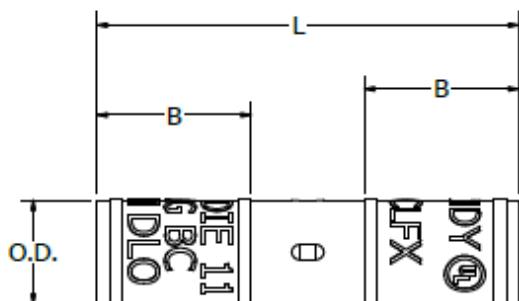


Figure 1

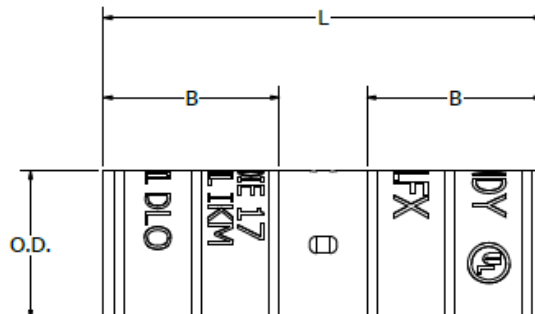


Figure 2

Copper Flex Standard Barrel Splice Tooling Table - Mechanical/Ratchet

Catalog Number Type	Wire Size	Color Code and Die Index Number	Mechanical/Ratchet Dies Required (# Crimps)	Mechanical & Ratchet Dedicated Die Tools # Crimps				
	Copper		MD6 and MD7 Series <i>*Due to handle force not recommended</i>	MY28 and MY29 Series	MRC840	MRE1022B Y8MRB1 Y10D	Y122CMR	Y1MRTC
YS8CLBOX	#8 AWG B,C,G,H,I,K,M DLO #6 Sol, 8 Sol	RED 49	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	—	1 CRIMP	1 CRIMP
YSV6CLFX	#6 AWG B,C,G,H,I,K,M DLO	BLUE 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	—	1 CRIMP	1 CRIMP
YSV4CLFX	#4 AWG B,C,G,H,I,K,M DLO	GRAY 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	—	2 CRIMPS	2 CRIMPS
YSV3CLFX	#3 AWG B,C,G,H,I,K,M DLO	WHITE 9	W3CRT (1)	1 CRIMP	1 CRIMP	—	2 CRIMPS	2 CRIMPS
YSV2CLFX	#2 AWG B,C,G,H,I,K,M DLO	BROWN 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	—	2 CRIMPS	2 CRIMPS
YSV1CLFX	#1 AWG B,C,G,H,I,K,M DLO	GREEN 11	X1CRT1 (1) W1CRT1 (1) W1CVT (1)	1 CRIMP	1 CRIMP	—	—	—
YSV25LFX	1/0 AWG B,C,G,H,I,K,M DLO	PINK 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	—	—	—
YSV26LFX	2/0 AWG B,C,G,H,I,K,M DLO	BLACK 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	—	—	—
YSV27LFX	3/0 AWG B,C,G,H,I,K,M DLO	ORANGE 14	X27RT (3) W27RT (2) W27VT (2)	1 CRIMP	2 CRIMPS	—	—	—
YSV28LFX	4/0 AWG B,C,G,H,I,K,M DLO	PURPLE 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	—	—	—
YSV29LFX	4/0 AWG G,H,I,K,M DLO 250 kcmil B,C	YELLOW 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	—	—	—	—
YS30LFX	250 kcmil G, H	YELLOW 16	X29RT (4) W29RT (2)* W29VT (2)	—	—	—	—	—
YS31LFX	250 kcmil I,K,M 262 DLO	WHITE 17	W30RT (2)* W30VT (2)	—	—	—	—	—
YS32LFX	300 kcmil G,H,I,K,M 313 DLO	RED 18	W31RT (2)* W31VT (2)	—	—	—	—	—
YS34LFX	350 kcmil G,H,I,K,M 373 DLO	BLUE 19	W32RT (2)* W32VT (2)	—	—	—	—	—

**Due to handle force not recommended.*

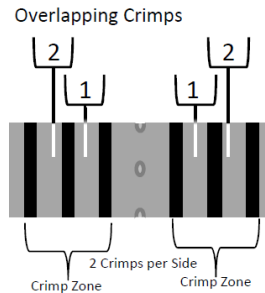
Copper Flex Standard Barrel Splice Tooling Table - Hydraulic

Catalog Number Type	Wire Size	Color Code and Die Index Number	Hydraulic Tools - Dies Required (# Crimps)					Hydraulic Tools - Dieless	
	Copper		MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K 4PC Series	644 444 Series
YS8CLBOX	#8 AWG B,C,G,H,I,K,M DLO #6 Sol #8 Sol	RED 49	X8CRT (1) W8CRT (1) W8CVT (1)	U8CRT (1)	U8CRT (1)	U8CRT (1)	—	1 CRIMP	—
YSV6CLFX	#6 AWG B,C,G,H,I,K,M DLO #6 Str #6 Sol	BLUE 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	—	1 CRIMP	—
YSV4CLFX	#4 AWG B,C,G,H,I,K,M DLO	GRAY 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	—	1 CRIMP	—
YSV3CLFX	#3 AWG B,C,G,H,I,K,M DLO	WHITE 9	W3CRT (1)	U3CRT (1)	U3CRT (1)	U3CRT (1)	—	1 CRIMP	—
YSV2CLFX	#2 AWG B,C,G,H,I,K,M DLO	BROWN 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	—	1 CRIMP	1 CRIMP
YSV1CLFX	#1 AWG B,C,G,H,I,K,M DLO	GREEN 11	X1CRT (1) W1CRT (1) W1CVT (1)	U1CRT (1)	U1CRT (1)	U1CRT (1)	—	1 CRIMP	1 CRIMP
YSV25LFX	1/0 AWG B,C,G,H,I,K,M DLO	PINK 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	—	1 CRIMP	1 CRIMP
YSV26LFX	2/0 AWG B,C,G,H,I,K,M DLO	BLACK 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	—	1 CRIMP	1 CRIMP
YSV27LFX	3/0 AWG B,C,G,H,I,K,M DLO	ORANGE 14	X27RT (3) W27RT (2) W27VT (2)	U27RT (1)	U27RT (1)	U27RT (1)	—	1 CRIMP	1 CRIMP
YSV28LFX	4/0 AWG B,C,G,H,I,K,M DLO	PURPLE 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
YSV29LFX	4/0 AWG G,H,I,K,M DLO 250 kcmil B,C	YELLOW 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
YS30LFX	250 kcmil G, H	YELLOW 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L30RT (1)	1 CRIMP	1 CRIMP
YS31LFX	250 kcmil J,K,M 262 DLO	WHITE 17	W30RT (2) W30VT (2)	U30RT (2)	U30RT (2)	U30RT (2)	L31RT (1)	1 CRIMP	1 CRIMP
YS32LFX	300 kcmil G,H,I,K,M 313 DLO	RED 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L32RT (1)	1 CRIMP	1 CRIMP
YS34LFX	350 kcmil G,H,I,K,M 373 DLO	BLUE 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP

Copper Flex Standard Barrel Splice Tooling Table - Hydraulic

Catalog Number Type	Wire Size	Color Code and Die Index Number	Hydraulic Tools - Dies Required (# Crimps)					Hydraulic Tools - Dieless	
	Copper		MD6, 600, 500 Series	750, 35 Series	45 Series Use PT65J5 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K 4PC Series	644 444 Series
YS36LFX	500 kcmil G,H 444 DLO	BROWN 20	—	U34RT (2)	U34RT (2)	U34RT (2)	L36RT (1)	1 CRIMP	1 CRIMP
YS38LFX	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	PINK L99	—	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
YS40LFX	650 kcmil G 646 DLO	BLACK 24	—	U39RT (2)	U39RT (2)	U39RT (2)	L40RT (1)	2 OVERLAPPING CRIMPS*	1 CRIMP
YS44LFX	750 kcmil G,H,I 777 DLO	YELLOW L115	—	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS*	1 CRIMP

*Some catalog numbers require overlapping crimps when using the 81K or 4PC series of installation tooling. Please refer to the overlapping crimps image below. Overlap each consecutive crimp so that the completed installation of all overlapping crimps covers the entire crimp zone.



Copper Flex Standard Barrel Splice Installation Instructions

Installation Instructions

Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. UL Listing and CSA Certification are only valid when using the BURNDY® Engineered System and following BURNDY Installation Instructions.

Copper Flex Standard Barrel Splice Installation Steps:

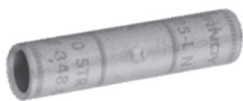
- Select the appropriate connector based on:
 - Wire Material
 - Wire Construction
 - Wire Size
- Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation stripping tools, this range may be 0" - 1/4". The exposed wire, also known as a "shiner", has no performance impact on the connection and there is no wire exposure requirement by BURNDY.
- As a best practice, wire brush the bare conductor to remove any oxides. DO NOT wire brush tin-plated connectors.
- Insert the conductor into the barrel until flush against the conductor stops halfway into the splice connector.
- Apply the proper number of crimps specified by the appropriate illustration for the side with conductor inserted.
- *Some catalog numbers require overlapping crimps when using the 81K or 4PC series of installation tooling. Please refer to the overlapping crimps image. Overlap each consecutive crimp so that the completed installation of overlapping crimps covers the entire crimp zone.
- Use the same steps 2-6 for the other side of the splice.
- Once all crimps have been completed, the connection can be easily inspected for proper installation with the die/indicia embossment.

NOTE: Illustrations show black bands however this is just a representation of the crimp zones. See individual connector for actual crimp band color.

Example: YSV26LFX

- Go to the YSV26LFX Catalog Number Designation for 2/0 AWG G,H,I,K,M or DLO.
- Confirm the Tool (750 Series for this example).
- Confirm the Die Set Needed (U26RT for this example)
- Confirm the Number of Crimps Necessary (1 each side for this example)
- For proper crimp placement refer to the image on this page corresponding to the number of crimps.

The BURNDY® Engineered System:



Splice



750 Series Tool



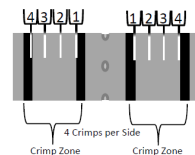
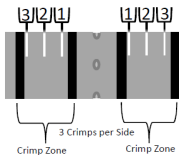
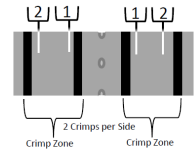
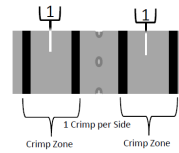
Die Set



Completed Crimp Installation

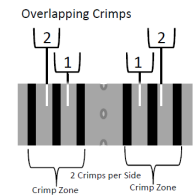
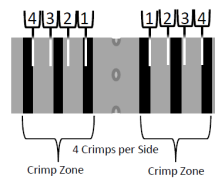
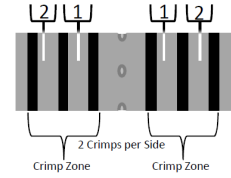
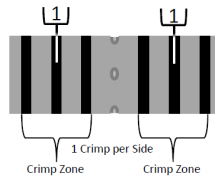
CATALOG NUMBER DESIGNATIONS

YS8CLBOX	YSV6CLFX	YSV4CLFX
YSV3CLFX	YSV2CLFX	YSV1CLFX
YSV25LFX	YSV26LFX	YSV27LFX
YSV28LFX	YSV29LFX	



CATALOG NUMBER DESIGNATIONS

YS30LFX	YS31LFX	YS32LFX	YS34LFX
YS36LFX	YS38LFX	YS40LFX*	YS44LFX*



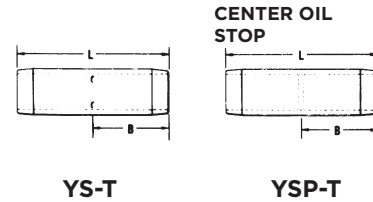
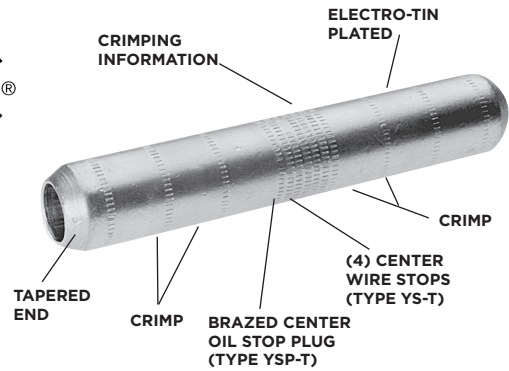
Copper, Code, Tapered Ends, Standard Barrel Splice

TYPES YS-T, YSP-T HYLINK™ High Voltage, Tapered Ends

UL Listed 90° C, Up to 35 kV ♦



Types YS-T and YSP-T seamless high conductivity copper electro-tin plated compression HYLINK™ high voltage splices with standard barrel and tapered ends are ideally suited for higher voltage applications from 5 kV through 35 kV.



Features & Benefits

- Copper seamless barrel is designed with tapered ends per EEI Standard TD160, indicating use on voltages 5kV through 35kV; this aids in preventing corona emission and simplifies taping for lower installation cost
- Barrel also features an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damage of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Short/standard length barrel is recommended for installations with limited space requirements
- Type YS-T barrel has center stop indentations used to indicate when wire is fully inserted into each side of the barrel
- Type YSP-T barrel has a center plug permanently brazed in place; this plug prevents oil within oil filled conductor from passing through the splice connector and is also an indication when the wire is fully inserted into each side of the barrel
- Connectors are clearly marked with color coding to ensure proper die and installation tooling is selected
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

Note: All dimensions shown are for reference only.

* Use adapter PUADP1 with U Dies in 46 Series. 46 Series uses the same nest indenter and adapter as the 35 and 750 Series, but with the PUADP1 adapter.

** A 0.06 radius at each end is used for sizes 6-27.

■ The maximum size for the 35 Series is 400 kcmil.

▲ See tooling section of this catalog for complete tool and die listings.

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Catalog Number		Code Conductors (B, C)	Dimensions		Installation Tooling- Nest/Indenter ▲					Wire Strip Length (IN)
					Y34B Y34PR Indenter	35, 750 Series, Y34PR Indenter Y35P3 Adaptor	35, 750, 46* Series Die Number (# of crimps per end)	Die Index ▲	No. of Indent	
YS-T	YSP-T		B	L	Nest Die	Nest Die				
YS6CT	—	6 AWG	0.90	2.16	B6CD	U6CD1	U5CRT (2)	7	1	15/16
YS4CT	YSP4CT	4 AWG	0.90	2.16	B4CD	U4CD1	U4CRT (2)	8	1	15/16
YS2CT	YSP2CT	2 AWG	0.98	2.34	B2CD	U2D1	U2CRT (2)	10	1	1
YS1CT	YSP1CT	1 AWG	0.97	2.31	B1CD	U1D1	U1CRT (2)	11	1	1
YS25T	YSP25T	1/0 AWG	0.98	2.35	B25D	U25D1	U25RT (2)	12	1	1-3/32
YS26T	YSP26T	2/0 AWG	1.04	2.47	B26D	U26D1	U26RT (2)	13	1	1-3/32
YS28T	YSP28T	4/0 AWG	1.13	2.67	B28D	U28D1	U28RT (2)	15	1	1-3/16
YS29T	YSP29T	250 kcmil	1.21	2.85	B29D	U29D1	U29RT (2)	16	1	1-3/32
YS30T	YSP30T	300 kcmil	1.22	2.87	B30D	U30D1	U30RT (4)	17	2	1-5/16
YS31T	YSP31T	350 kcmil	1.32	3.09	B31D	U31D1	U31RT (4)	18	2	1-3/5
YS34T	YSP34T	500 kcmil	1.68	3.86	No Die Needed	U34D1	U34RT (4)	20	2	1-3/4
YS39T	YSP39T	750 kcmil	2.00	4.60	—	—	U39RT (4)	24	2	2-1/8

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, Splice, Long Barrel

TYPES YSV-FX, YS-FX HYLINK™

UL Listed 90° C, Up to 35 kV ♦

Types YSV-FX and YS-FX long barrel splices for flex conductor accommodate a wide range of conductor types. Feature an internal chamfer at wire entry site to provide a smooth insertion of wire. UL486A-486B Listed and CSA Certified; UL Listed 90°C, up to 35kV.



Features & Benefits

- Connector: Uninsulated copper compression splice made from seamless copper tubing
- Connection: The connection made is irreversible and maintenance free
- UL486A-486B Listed and CSA Certified
- Temperature and Voltage Rating: UL Listed 90°C, up to 35kV
- Conductor Accommodate Types: *See table for specifics
- Code Copper Wire: Class B (Concentric, Compressed, Compact) or Class C
- Solid Copper Wire
- Flexible Copper Wire Classes
- Metric Class 2: Metric wire stranding
- Connectors are tin plated unless otherwise specified. Other plating suffixes: Nickel (NK), Silver (SV), Tin-Zinc (TZ), Bare (BR)
- Connectors are clearly marked with wire size, die index, color code and crimp location bands
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
- Long barrel allows an increased number of crimps, increasing the mechanical strength of the connection
- In order to obtain a UL Listing and CSA Certification, BURNDY certifies its products using the BURNDY Engineered System. BURNDY connectors can receive a UL Listing and CSA Certification with other crimp tool manufacturers installation tools

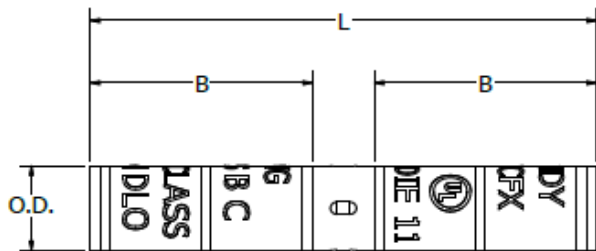


Figure 1

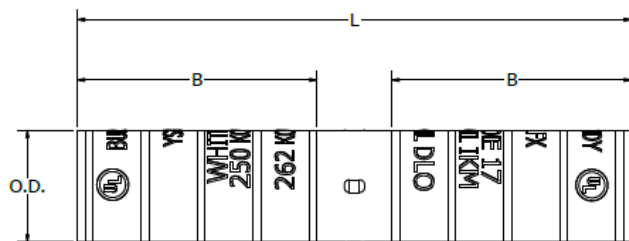


Figure 2

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Copper, Flex, Splice, Long Barrel

TYPES YSV-FX, YS-FX HYLINK™

UL Listed 90° C, Up to 35 kV ♦



Types YSV-FX and YS-FX long barrel splices for flex conductor accommodate a wide range of conductor types. Feature an internal chamfer at wire entry site to provide a smooth insertion of wire. UL486A-486B Listed and CSA Certified; UL Listed 90°C, up to 35kV.

Catalog Number	Figure #	Code Conductor (B/C)	Flex Conductor (G, H, I, K, M, DLO)	Metric Conductor (MM2)	Color Code	Die Index	Dimensions			Wire Strip Length (IN)
							Outside Diameter (OD)	Barrel Length (B)	Overall Length (L)	
YS8C	1	#8 AWG	#8 AWG G,H,I,K,M,DLO	10	Red	49	0.27	0.78	1.75	7/8
YSV6CFX		#6 AWG	#6 AWG G,H,I,K,M,DLO	16	Blue	7	0.31	1.09	2.53	1-1/4
YSV4CFX		#4 AWG	#4 AWG G,H,I,K,M,DLO	—	Gray	8	0.38	1.22	2.80	1-1/4
YSV3CFX		#3 AWG	#3 AWG G,H,I,K,M,DLO	—	White	9	0.42	1.22	2.82	1-3/8
YSV2CFX		#2 AWG	#2 AWG G,H,I,K,M,DLO	35	Brown	10	0.46	1.34	3.06	1-1/2
YSV1CFX		#1 AWG	#1 AWG G,H,I,K,M,DLO	—	Green	11	0.51	1.34	3.08	1-1/2
YSV25FX		1/0 AWG	1/0 AWG G,H,I,K,M,DLO	50	Pink	12	0.56	1.45	3.30	1-5/8
YSV26FX		2/0 AWG	2/0 AWG G,H,I,K,M,DLO	70	Black	13	0.63	1.45	3.30	1-5/8
YSV27FX		3/0 AWG	3/0 AWG G,H,I,K,M,DLO	95	Orange	14	0.70	1.45	3.30	1-5/8
YSV28FX		4/0 AWG	4/0 AWG G,H,I,K,M,DLO	120	Purple	15	0.77	1.45	3.30	1-5/8
YSV29FX		250 kcmil	4/0 AWG G,H,I,K,M,DLO	—	Yellow	16	0.80	1.45	3.30	1-5/8
YS30FX	2	—	250 kcmil G,SH	—	Yellow	16	0.81	1.95	4.34	2-1/8
YS31FX		—	250 kcmil I,K,M, 262 DLO	150	White	17	0.88	1.95	4.35	2-1/8
YS32FX		—	300 kcmil G,H,I,K,M 313 DLO	185	Red	18	0.95	2.08	4.62	2-1/4
YS34FX		—	350 kcmil G,H,I,K,M 373 DLO	240	Blue	19	1.06	2.20	4.91	2-1/4
YS36FX		—	500 kcmil G&H 444 DLO	—	Brown	20	1.19	2.63	5.85	2-3/4
YS38FX		—	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300	Pink	199	1.25	2.75	6.10	2-7/8
YS40FX		—	650 kcmil G 646 DLO	400	Black	24	1.35	2.88	6.38	3
YS44FX		—	750 kcmil G,H,I 777 DLO	500	Yellow	1115	1.50	2.94	6.53	3-1/8

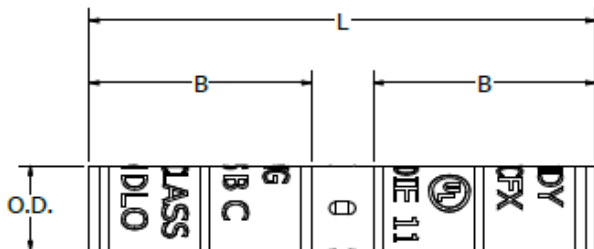


Figure 1

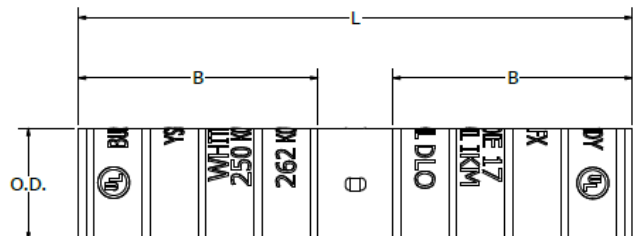


Figure 2

Copper Flex Long Barrel Splice Tooling Table - Mechanical/Ratchet

Catalog Number Type	Wire Size	Color Code and Die Index Number	Mechanical & Ratchet Dies Required (# Crimps)	Mechanical & Ratchet Dedicated Die Tools # Crimps				
	Copper		MD6 and MD7 Series *Due to handle force not recommended	MY28 and MY29 Series	MRC840	MRE1022B Y8MRB1 Y10D	Y122CMR	Y1MRTC
YS8C	#8 AWG B,C,G,H,I,K,M DLO #6 Sol #8 Sol	RED 49	X8CRT (2) W8CRT (2) W8CVT (2)	2 CRIMPS	2 CRIMPS	—	2 CRIMPS	2 CRIMPS
YSV6CFX	#6 AWG B,C,G,H,I,K,M DLO	BLUE 7	X5CRT (2) W5CRT (2) W5CVT (2)	2 CRIMPS	2 CRIMPS	—	1 CRIMP	1 CRIMP
YSV4CFX	#4 AWG B,C,G,H,I,K,M DLO	GRAY 8	X4CRT (2) W4CRT (2) W4CVT (2)	2 CRIMPS	2 CRIMPS	—	4 CRIMPS	4 CRIMPS
YSV3CFX	#3 AWG B,C,G,H,I,K,M DLO	WHITE 9	W3CRT (2)	2 CRIMPS	2 CRIMPS	—	4 CRIMPS	4 CRIMPS
YSV2CFX	#2 AWG B,C,G,H,I,K,M DLO	BROWN 10	X2CRT (2) W2CRT (2) W2CVT (2)	2 CRIMPS	2 CRIMPS	—	4 CRIMPS	4 CRIMPS
YSVICFX	#1 AWG B,C,G,H,I,K,M DLO	GREEN 11	X1CRT1 (2) W1CRT1 (2) W1CVT (2)	2 CRIMPS	2 CRIMPS	—	—	—
YSV25FX	1/0 AWG B,C,G,H,I,K,M DLO	PINK 12	X25RT (4) W25RT (4) W25VT (4)	2 CRIMPS	4 CRIMPS	—	—	—
YSV26FX	2/0 AWG B,C,G,H,I,K,M DLO	BLACK 13	X26RT (4) W26RT (4) W26VT (4)	2 CRIMPS	4 CRIMPS	—	—	—
YSV27FX	3/0 AWG B,C,G,H,I,K,M DLO	ORANGE 14	X27RT (4) W27RT (4) W27VT (4)	2 CRIMPS	4 CRIMPS	—	—	—
YSV28FX	4/0 AWG B,C,G,H,I,K,M DLO	PURPLE 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	—	—	—
YSV29FX	4/0 AWG G,H,I,K,M DLO 250 kcmil B,C	YELLOW 16	X29RT (8) W29RT (4) W29VT (4)	2 CRIMPS	—	—	—	—
YS30FX	250 kcmil G, H	YELLOW 16	X29RT (4) W29RT (4)* W29VT (4)	—	—	—	—	—
YS31FX	250 kcmil I,K,M 262 DLO	WHITE 17	W30VT (4)	—	—	—	—	—
YS32FX	300 kcmil G,H,I,K,M 313 DLO	RED 18	W31VT (4)	—	—	—	—	—
YS34FX	350 kcmil G,H,I,K,M 373 DLO	BLUE 19	W32VT (4)	—	—	—	—	—

**Due to handle force not recommended.*

Copper Flex Long Barrel Splice Tooling Table - Hydraulic

Catalog Number Type	Wire Size	Color Code and Die Index Number	Hydraulic Tools - Dies Required (# Crimps)					Hydraulic Tools - Dieless	
	Copper		MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K, 4PC Series	644, 444 Series
YS8C	#8 AWG B,C,G,H,I,K,M DLO #6 Sol #8 Sol	RED 49	X8CRT (2) W8CRT (2) W8CVT (2)	U8CRT (2)	U8CRT (2)	U8CRT (2)	—	1 CRIMP	—
YSV6CFX	#6 AWG B,C,G,H,I,K,M DLO #6 Str #6 Sol	BLUE 7	X5CRT (2) W5CRT (2) W5CVT (2)	U5CRT (2)	U5CRT (2)	U5CRT (2)	—	1 CRIMP	—
YSV4CFX	#4 AWG B,C,G,H,I,K,M DLO	GRAY 8	X4CRT (2) W4CRT (2) W4CVT (2)	U4CRT (2)	U4CRT (2)	U4CRT (2)	—	1 CRIMP	—
YSV3CFX	#3 AWG B,C,G,H,I,K,M DLO	WHITE 9	W3CRT (2)	U3CRT (2)	U3CRT (2)	U3CRT (2)	—	2 CRIMPS	—
YSV2CFX	#2 AWG B,C,G,H,I,K,M DLO	BROWN 10	X2CRT (2) W2CRT (2) W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	—	2 CRIMPS	1 CRIMP
YSV1CFX	#1 AWG B,C,G,H,I,K,M DLO	GREEN 11	X1CRT (2) W1CRT (2) W1CVT (2)	U1CRT (2)	U1CRT (2)	U1CRT (2)	—	2 CRIMPS	1 CRIMP
YSV25FX	1/0 AWG B,C,G,H,I,K,M DLO	PINK 12	X25RT (4) W25RT (4) W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	—	2 CRIMPS	1 CRIMP
YSV26FX	2/0 AWG B,C,G,H,I,K,M DLO	BLACK 13	X26RT (4) W26RT (4) W26VT (4)	U26RT (2)	U26RT (2)	U26RT (2)	—	2 CRIMPS	1 CRIMP
YSV27FX	3/0 AWG B,C,G,H,I,K,M DLO	ORANGE 14	X27RT (6) W27RT (4) W27VT (4)	U27RT (2)	U27RT (2)	U27RT (2)	—	2 CRIMPS	1 CRIMP
YSV28FX	4/0 AWG B,C,G,H,I,K,M DLO	PURPLE 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSV29FX	4/0 AWG G,H,I,K,M DLO 250 kcmil B,C	YELLOW 16	X29RT (8) W29RT (4) W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	2 CRIMPS	1 CRIMP
YS30FX	250 kcmil G, H	YELLOW 16	X29RT (8) W29RT (4) W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L30RT (1)	2 CRIMPS	1 CRIMP
YS31FX	250 kcmil I,K,M 262 DLO	WHITE 17	W30RT (4) W30VT (4)	U30RT (4)	U30RT (4)	U30RT (4)	L31RT (1)	2 CRIMPS	1 CRIMP
YS32FX	300 kcmil G,H,I,K,M 313 DLO	RED 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L32RT (1)	2 CRIMPS	1 CRIMP
YS34FX	350 kcmil G,H,I,K,M 373 DLO	BLUE 19	W32RT (4) W32VT (4)	U32RT (4)	U32RT (4)	U32RT (4)	L34RT (1)	2 CRIMPS	1 CRIMP

Copper Flex Long Barrel Splice Tooling Table - Hydraulic

Catalog Number Type	Wire Size	Color Code and Die Index Number	Hydraulic Tools - Dies Required (# Crimps)					Hydraulic Tools - Dieless	
	Copper		MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K 4PC Series	644 444 Series
YS36FX	500 kcmil G,H 444 DLO	BROWN 20	—	U34RT (4)	U34RT (4)	U34RT (4)	L36RT (1)	2 CRIMPS	1 CRIMP
YS38FX	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	PINK L99	—	U38XRT (4)	U38XRT (4)	U38XRT (4)	L38RT (2)	2 CRIMPS	1 CRIMP
YS40FX	650 kcmil G 646 DLO	BLACK 24	—	U39RT (4)	U39RT (4)	U39RT (4)	L40RT (1)	3 CRIMPS	1 CRIMP
YS44FX	750 kcmil G,H,I 777 DLO	YELLOW L15	—	U44XRT (4)	U44XRT (4)	U44XRT (4) P44XRT (4)	L44RT (2)	3 CRIMPS	1 CRIMP

Copper Flex Long Barrel Splice Installation Instructions

Installation Instructions

Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. UL Listing and CSA Certification are only valid when using the BURNDY® Engineered System and following BURNDY Installation Instructions.

Copper Flex Long Barrel Splice Installation Steps:

- Select the appropriate connector based on:
 - Wire Material
 - Wire Construction
 - Wire Size
- Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation stripping tools, this range may be 0" - 1/4". The exposed wire, also known as a "shiner", has no performance impact on the connection and there is no wire exposure requirement by BURNDY.
- As a best practice, wire brush the bare conductor to remove any oxides. DO NOT wire brush tin-plated connectors.
- Insert the conductor into the barrel until flush against the conductor stops halfway into the splice connector.
- Apply the proper number of crimps specified by the appropriate illustration for the side with conductor inserted.
- Use the same steps 2-5 for the other side of the splice.
- Once all crimps have been completed, the connection can be easily inspected for proper installation with the die/indicia embossment.

NOTE: Illustrations show black bands however this is just a representation of the crimp zones. See individual connector for actual crimp band color.

Example: YSV26FX

- Go to the YSV26FX Catalog Number Designation for 2/0 AWG G,H,I,K,M or DLO.
- Confirm the Tool (750 Series for this example).
- Confirm the Die Set Needed (U26RT for this example)
- Confirm the Number of Crimps Necessary (2 each side for this example)
- For proper crimp placement refer to the image on this page corresponding to the number of crimps.

The BURNDY® Engineered System:



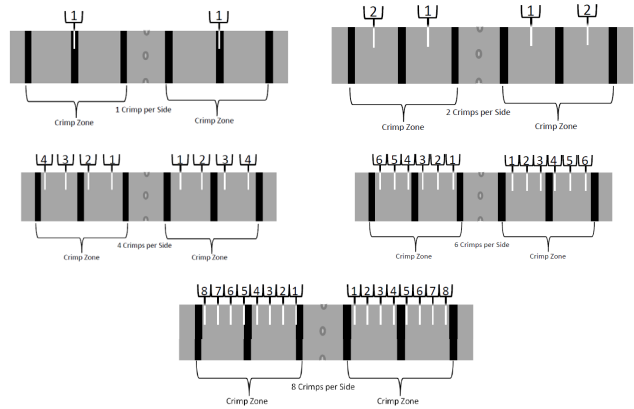
Splice

750 Series Tool

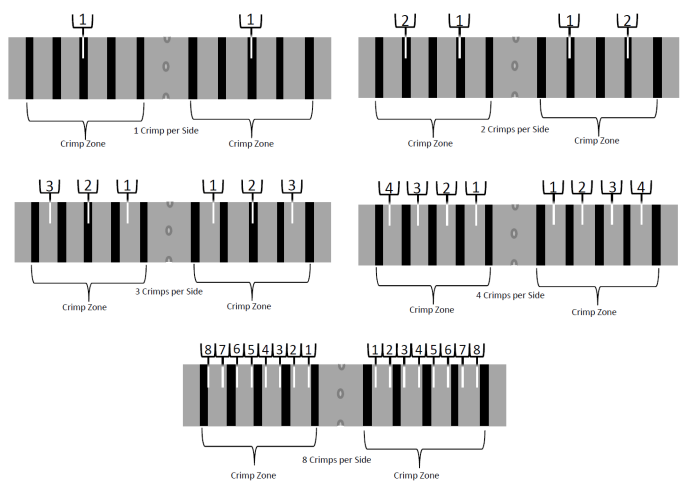
Die Set

Completed Crimp Installation

CATALOG NUMBER DESIGNATIONS			
YS8C	YSV6CFX	YSV4CFX	YSV3CFX
YSV2CFX	YSV1CFX	YSV25FX	YSV26FX
YSV27FX	YSV28FX	YSV29FX	



CATALOG NUMBER DESIGNATIONS			
YS30FX	YS31FX	YS32FX	YS34FX
YS36FX	YS38FX	YS40FX	YS44FX



Copper, Code / Flex, In-Line Splice Kit, Standard, Inspection Window

TYPE YS-TC HYSPLICE™ In-Line Splice Kits, Standard Barrel, with Inspection Window

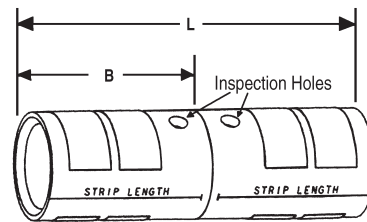
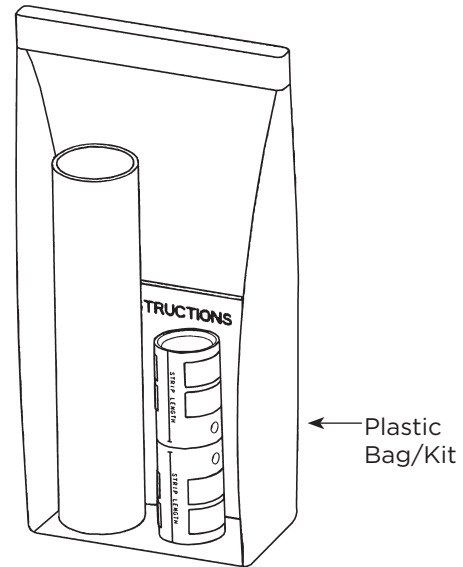
Type YS-TC kits are for splicing cables and covering the connection with clear heat shrink. Splices are constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity and tin-plated to resist corrosion. Each YS-TC splice is provided with inspection holes and cable stops. The YS-TC family also features the BURNDY Engineered System of coordinated tools and dies.

Features & Benefits

- Each splice kit includes one YS-TC compression splice connector and heat shrink
- The YS-TC type compression splice connector provided in the kit is UL Listed in accordance with UL 486A-486B - Wire Connectors; UL Listed 90°C up to 35kV
- Barrels have 2 inspection windows on each side to allow for visual verification that the wire has been fully inserted prior to crimping the splice; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Short/standard length barrel is recommended for installations with limited space requirements and meet the exact UL testing requirements as long barrel connectors so performance of the connection is not compromised
- Connectors clearly marked with color coding

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



Copper, Code / Flex, In-Line Splice Kit, Standard, Inspection Window

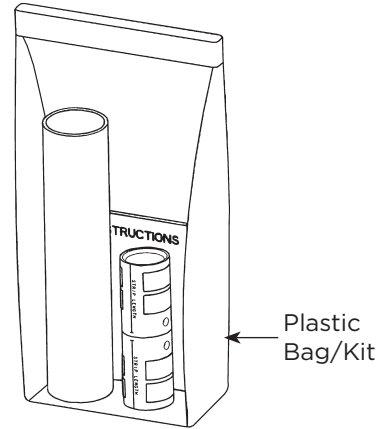
TYPE YS-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VWI Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Clear Heat Shrink Kit Catalog Number	Wire Size		Barrel Type	Connector				Wire Strip Length (IN)
	AWG	mm ²		Dimensions		Color Code	Die Index	
				Barrel B	Length L			
YS44FXLTCKITC	750 kcmil G,H DLO 777 (1925/24)	500 mm ² Class 5	Standard	1.90	4.30	Yellow	L115	1.96
YS39LTCKITC	750 kcmil Code	—	Standard	1.62	3.68	Black	23	1.67
YS38FXLTCKITC	500 kcmil H,I,K 550 kcmil G,H,I DLO 535 (1325/24)	300 mm ² Class 5	Standard	1.71	3.87	Pink	L99	1.77
YS34LTCKITC	500 kcmil Code	240 mm ² Class 2	Standard	1.56	3.51	Brown	20	1.60
YS34FXLTCKITC	350 kcmil G,H,I,K,M DLO 373 (925/24)	240 mm ² Class 2	Standard	1.56	3.51	Blue	19 or L80	1.60
YS31LTCKITC	350 kcmil Code	185 mm ² Class 2	Standard	1.39	3.10	Red	17	1.42
YS29FXLTCKITC	250 kcmil Flex 4/0 AWG G,H,I,K,M DLO (550/24)	—	Standard	1.36	2.98	Yellow	16	1.38
YS28LTCKITC	4/0 AWG Code	—	Standard	1.23	2.69	Purple	15	1.24
YS26LTCKITC	2/0 AWG Code	70 mm ²	Standard	1.16	2.62	Black	13	1.10
YS26FXLTCKITC	2/0 AWG G,H,I,K,M DLO (325/24)	70 mm ² Class 5	Standard	1.09	2.41	Black	13	1.10
YS25LTCKITC	1/0 AWG Code	—	Standard	1.04	2.37	Pink	12	1.00
YS25FXLTCKITC	1/0 AWG G,H,I,K,M DLO (275/24) 1/0 AWG	50 mm ² Class 5	Standard	1.04	2.18	Pink	12	1.00
YS2CLTCKITC	2 AWG Code	35 mm ² Class 5	Standard	0.82	1.88	Brown	10	0.78
YS2CFXLTCKITC	2 AWG G,H,I,K,M DLO (150/24)	35 mm ² Class 5	Standard	0.82	1.73	Brown	10	0.78
YS4CFXLTCKITC	4 AWG G,H,I,K,M DLO (105/24) 4 AWG	—	Standard	0.74	1.69	Gray	8	0.71
YS6CFXLTCKITC	6 AWG G,H,I,K,M DLO (61/24) 6 AWG	16 mm ² Class 5 or Class 2	Standard	0.73	1.60	Blue	7 or 24	0.70
YS8CFXLTCKITC	8 AWG G,H,I,K,M DLO (37/24) 8 AWG, 6 SOL, 8 SOL	—	Standard	0.65	1.48	Red	49	0.62

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC HYREDUCER™ In-Line Reducer Splice Kits Standard Barrel, with Inspection Window

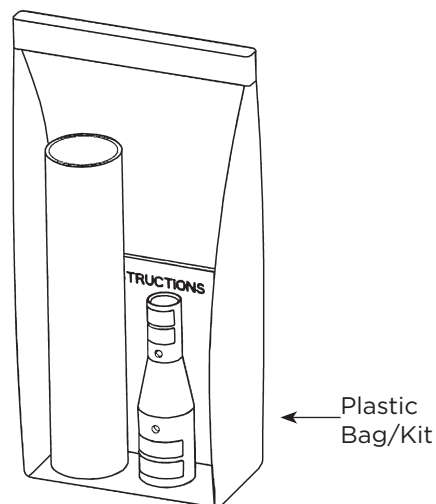
Type YSR-TC reducing splice kits provide for splicing two different cable sizes with inspection holes. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity and tin plated to resist corrosion. The YSR-TC family also features the BURNDY® color code system.

Features & Benefits

- Each splice kit includes one YSR-TC compression in-line splice reducer connector and heat shrink
- The YSR-TC type reducing compression splice connector provided in the kit is UL Listed in accordance with UL 486A-486B - Wire Connectors; UL Listed 90°C up to 35kV
- Barrels have 2 inspection windows on each side to allow for visual verification that the wire has been fully inserted prior to crimping the splice; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Designed configurations allow for copper code-to-code wire connections, copper code-to-flex wire connections, and copper flex-to-flex wire connections; see table for more complete details
- Barrel is designed with a taper to accommodate a main run wire that is reduced to a smaller tap wire
- Barrel also provided with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Short/standard length barrel is recommended for installations with limited space requirements and meet the exact UL testing requirements as long barrel connectors so performance of the connection is not compromised
- Connectors clearly marked with color coding
- Can be used in place of H-taps; the in-line design saves space in cable trays and other similar applications

Accessories

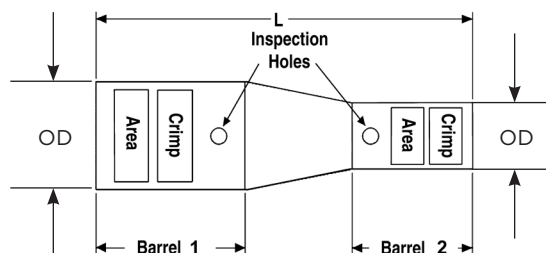
- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

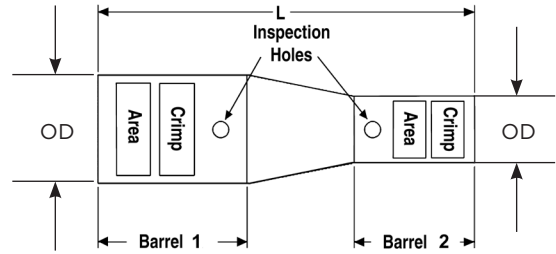
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR44FX39LTCKITC	4.38	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	750 kcmil B,C	-	1.30	1.78	Black 24
YSR44FX38FLTCKITC	4.61	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.60	Pink L99
YSR44FX34LTCKITC	4.91	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20
YSR44FX34FLTCKITC	4.91	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19
YSR44FX31LTCKITC	5.18	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18
YSR44FX30LTCKITC	5.01	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	300 kcmil B,C	150 MM ² Class 2	0.81	1.30	White 17
YSR44FX29LTCKITC	5.53	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	250 kcmil B,C	-	0.75	1.44	Yellow 16
YSR44FX29FLTCKITC	5.33	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16
YSR44FX28LTCKITC	5.27	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	4/0 AWG B,C	-	0.69	1.30	Purple 15
YSR44FX28FLTCKITC	5.46	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	2.09	Yellow L115	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.40	Purple 15
YSR3939LTCKITC	4.13	750 kcmil B,C	-	1.30	1.78	Black 24	750 kcmil B,C	-	1.30	1.78	Black 24
YSR3938FLTCKITC	3.79	750 kcmil B,C	-	1.30	1.78	Black 24	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99
YSR3934LTCKITC	4.09	750 kcmil B,C	-	1.30	1.78	Black 24	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

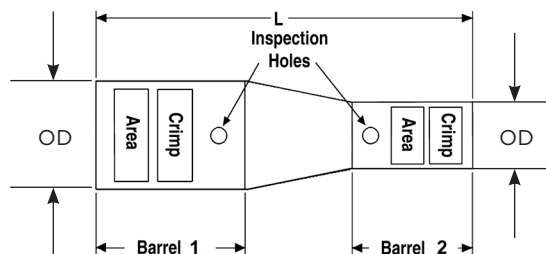
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VWI Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR3934FXLTCKITC	4.09	750 kcmil B,C	-	1.30	1.78	Black 24	250 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19
YSR3931LTCKITC	4.36	750 kcmil B,C	-	1.30	1.78	Black 24	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18
YSR3930LTCKITC	4.23	750 kcmil B,C	-	1.30	1.78	Black 24	300 kcmil B,C	150 MM ² Class 2	0.81	1.30	White 17
YSR3929LTCKITC	4.71	750 kcmil B,C	-	1.30	1.78	Black 24	250 kcmil B,C	-	0.75	1.44	Yellow 16
YSR3929FXLTCKITC	4.59	750 kcmil B,C	-	1.30	1.78	Black 24	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16
YSR3928LTCKITC	4.65	750 kcmil B,C	-	1.30	1.78	Black 24	4/0 AWG B,C	-	0.69	1.30	Purple 15
YSR3928FXLTCKITC	4.64	750 kcmil B,C	-	1.30	1.78	Black 24	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.40	Purple 15
YSR38FX34LTCKITC	4.06	500 kcmil H,I,K 550 Kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20
YSR38FX34FXLTCKITC	4.06	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19
YSR38FX31LTCKITC	4.33	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18
YSR38FX30LTCKITC	4.20	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	300 kcmil B,C	150 MM ² Class 2	0.81	1.30	White 17
YSR38FX29LTCKITC	4.67	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	250 kcmil B,C	-	0.75	1.44	Yellow 16
YSR38FX29FXLTCKITC	4.48	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

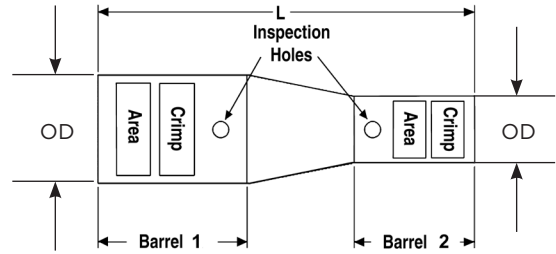
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR38FX28FXLTCKITC	4.60	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.40	Purple 15
YSR38FX28LTCKITC	4.62	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	4/0 AWG B,C	-	0.69	1.30	Purple 15
YSR38FX26FXLTCKITC	4.62	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	1.88	Pink L99	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.13	Black 13
YSR3434FXLTCKITC	3.51	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19
YSR3431LTCKITC	3.66	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18
YSR3429FXLTCKITC	3.81	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16
YSR3428LTCKITC	3.95	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20	4/0 AWG B,C	-	0.69	1.30	Purple 15
YSR3426FXLTCKITC	4.01	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.13	Black 13
YSR3425FXLTCKITC	4.01	500 kcmil B,C	240 MM ² Class 2	1.06	1.69	Brown 20	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12
YSR34FX31LTCKITC	3.63	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18
YSR34FX29FXLTCKITC	3.81	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16
YSR34FX28FXLTCKITC	3.86	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.43	Purple 15
YSR34FX28LTCKITC	3.95	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	4/0 AWG B,C	-	0.69	1.3	Purple 15
YSR34FX26FXLTCKITC	3.94	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.13	Black 13

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

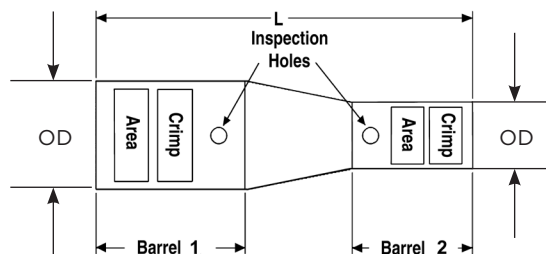
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VWI Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR34FX25FXLTCKITC	4.01	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12
YSR34FX2CFXLTCKITC	4.02	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	#2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10
YSR34FX4CFXLTCKITC	4.11	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	#4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8
YSR34FX6CFXLTCKITC	4.26	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	1.69	Blue 19	#6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7
YSR3129FXLTCKITC	3.13	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16
YSR3128FXLTCKITC	3.25	350 kcmil B,C	185 MM ² Class 2	0.88	1.25	Red 18	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.40	Purple 15
YSR3128LTCKITC	3.27	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18	4/0 AWG B,C	-	0.69	1.30	Purple 15
YSR3126FXLTCKITC	3.24	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.16	Black 13
YSR3125FXLTCKITC	3.33	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12
YSR312CFXLTCKITC	3.37	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10
YSR314CFXLTCKITC	3.43	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8
YSR316CFXLTCKITC	3.58	350 kcmil B,C	185 MM ² Class 2	0.88	1.49	Red 18	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7
YSR32FX29FXLTCKITC	3.50	300 kcmil G,H,I,K,M DLO	185 MM ² Class 5	0.95	1.57	Red 18	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16
YSR32FX28FXLTCKITC	3.46	300 kcmil G,H,I,K,M DLO	185 MM ² Class 5	0.95	1.57	Red 18	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.43	Purple 15

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

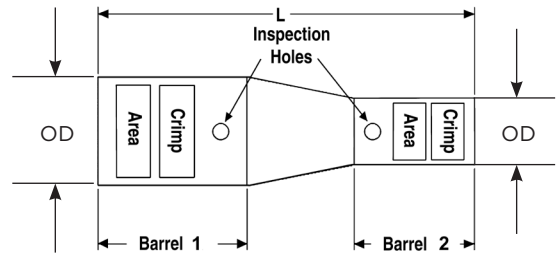
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR29FX28LTCKITC	3.00	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16	4/0 AWG B,C	-	0.69	1.30	Purple 15
YSR29FX25FXLTCKITC	3.10	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12
YSR29FX2CFXLTCKITC	3.13	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	1.44	Yellow 16	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10
YSR2825FXLTCKITC	2.66	4/0 AWG B,C	-	0.69	1.30	Purple 15	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12
YSR282CFXLTCKITC	2.70	4/0 AWG B,C	-	0.69	1.30	Purple 15	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10
YSR284CFXLTCKITC	2.69	4/0 AWG B,C	-	0.69	1.30	Purple 15	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8
YSR286CFXLTCKITC	2.99	4/0 AWG B,C	-	0.69	1.30	Purple 15	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7
YSR28FX28LTCKITC	3.00	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.43	Purple 15	4/0 AWG B,C	-	0.69	1.27	Purple 15
YSR28FX26FXLTCKITC	2.94	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.43	Purple 15	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.13	Black 13
YSR28FX25FXLTCKITC	3.07	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.43	Purple 15	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.02	Pink 12
YSR28FX2CFXLTCKITC	3.11	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.43	Purple 15	#2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.79	Brown 10
YSR28FX4CFXLTCKITC	3.10	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	1.43	Purple 15	#4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8
YSR26FX25FXLTCKITC	2.36	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.16	Black 13	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12
YSR26FX2CFXLTCKITC	2.41	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.16	Black 13	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

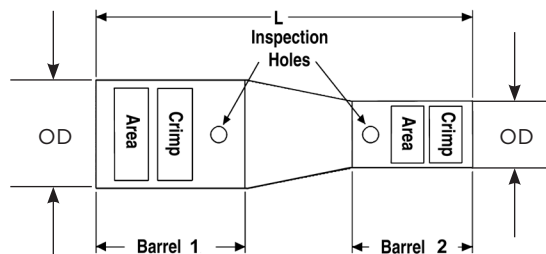
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR26FX4CFXLTKITC	2.47	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.16	Black 13	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8
YSR26FX6CFXLTKITC	2.71	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.16	Black 13	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7
YSR25FX2CFXLTKITC	2.12	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10
YSR25FX4CFXLTKITC	2.18	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8
YSR25FX6CFXLTKITC	2.42	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.63	Blue 7
YSR25FX8CFXLTKITC	2.31	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.04	Pink 12	8 AWG B,C,G,H,I,K,M DLO 8 SOL 6 SOL	10 MM ² Class 5	0.27	0.73	Red 49
YSR2CFX4CFXLTKITC	1.79	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8
YSR2CFX6CFXLTKITC	1.96	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7
YSR2CFX8CFXLTKITC	1.79	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	0.82	Brown 10	8 AWG B,C,G,H,I,K,M DLO 8 SOL 6 SOL	10 MM ² Class 5	0.27	0.60	Red 49
YSR4CFX6CFXLTKITC	1.67	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7
YSR4CFX8CFXLTKITC	1.50	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8	8 AWG B,C,G,H,I,K,M DLO 8 SOL 6 SOL	10 MM ² Class 5	0.27	0.60	Red 49
YSR4CFX10CLTKITC	1.66	4 AWG B,C,G,H,I,K,M DLO	-	0.38	0.74	Gray 8	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-
YSR6CFX14CLTKITC	1.53	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

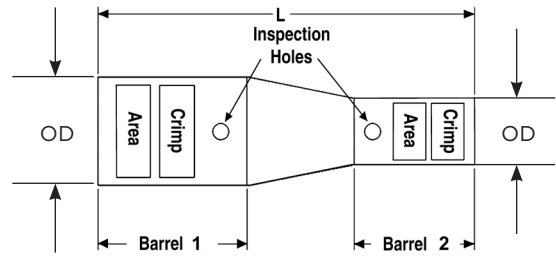
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Standard Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



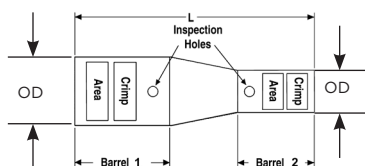
Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR6CFX8CFXLTKITC	1.37	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7	8 AWG B,C,G,H,I,K,M DLO 8 SOL 6 SOL	10 MM ² Class 5	0.27	0.60	Red 49
YSR6CFX10CLTKITC	1.53	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	0.73	Blue 7	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-
YSR8CFX10CLTKITC	1.41	8 AWG B,C,G,H,I,K,M DLO 8 SOL 6 SOL	10 MM ² Class 5	0.27	0.57	Red 49	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.00	0.66	-
YSR8CFX14CLTKITC	1.41	8 AWG B,C,G,H,I,K,M DLO 8 SOL 6 SOL	10 MM ² Class 5	0.27	0.57	Red 49	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-
YSR10CFX12CLTKITC	1.45	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-	14 - 10 AWG I,K,M DLO 12 AWG SOL 10 AWG SOL	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-
YSR10CFX14CLTKITC	1.45	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-	14 - 10 AWG I,K,M DLO	6 MM ² Class 2 2.5 MM ² Class 5	0.21	0.66	-

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

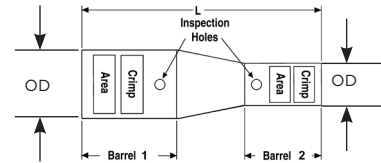


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR44FX39LTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
YSR44FX38FXLTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
YSR44FX34LTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR44FX34FXLTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
YSR44FX31LTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR44FX30LTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.24	White 17	W30RT (2) W30VT (2)	U30RT (2)	U30RT (2)	U30RT (2)	L30RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR44FX29LTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR44FX29FXLTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
YSR44FX28LTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR44FX28FXLTCKITC	1	1.96	Yellow L115	-	U44XRT (2)	U44XRT (2)	U44XRT (2) P44XRT (2)	L44RT (2)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

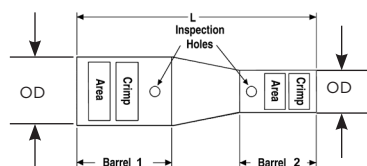


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR3939LTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
YSR3938FXLTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
YSR3934LTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3934FXLTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
YSR3931LTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3930LTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.24	White 17	W30RT (2) W30VT (2)	U30RT (2)	U30RT (2)	U30RT (2)	L30RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3929LTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3929FXLTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
YSR3928LTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3928FXLTCKITC	1	1.67	Black 24	-	U39RT (2)	U39RT (2)	U39RT (2) P39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

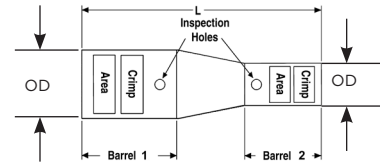


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR38FX34LTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR38FX34FXLTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
YSR38FX31LTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR38FX30LTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.24	White 17	W30RT (2) W30VT (2)	U30RT (2)	U30RT (2)	U30RT (2)	L30RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR38FX29LTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR38FX29FXLTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
YSR38FX28FXLTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
YSR38FX28LTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR38FX26FXLTCKITC	1	1.77	Pink L99	-	U38XRT (2)	U38XRT (2)	U38XRT (2)	L38RT (1)	1 CRIMP	1 CRIMP
	2	1.09	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
YSR3434FXLTCKITC	1	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
YSR3431LTCKITC	1	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3429FXLTCKITC	1	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART
Standard Barrel With Inspection Window

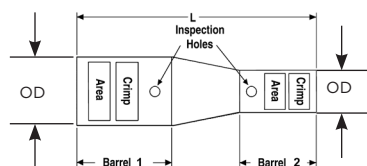


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR3428LTCKITC	1	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3426FXLTCKITC	1	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.09	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
YSR3425FXLTCKITC	1	1.60	Brown 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
YSR34FX31LTCKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR34FX29FXLTCKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
YSR34FX28FXLTCKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
YSR34FX28LTCKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR34FX26FXLTCKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	1.09	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
YSR34FX25FXLTCKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

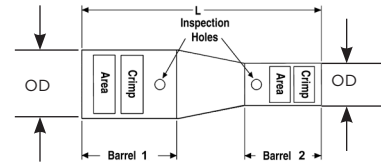


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR34FX2CFXLTKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
YSR34FX4CFXLTKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
YSR34FX6CFXLTKITC	1	1.60	Blue 19	W32RT (2) W32VT (2)	U32RT (2)	U32RT (2)	U32RT (2)	L34RT (1)	1 CRIMP	1 CRIMP
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
YSR3129FXLTCKITC	1	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
YSR3128FXLTCKITC	1	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
YSR3128LTCKITC	1	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR3126FXLTCKITC	1	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
YSR3125FXLTCKITC	1	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
YSR312CFXLTKITC	1	1.41	Red 18	W31RT (2) W31VT (2)	U31RT (2)	U31RT (2)	U31RT (2)	L31RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

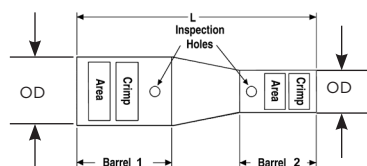


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR314CFXLTKITC	1	1.41	Red 18	W3IRT (2) W3IVT (2)	U3IRT (2)	U3IRT (2)	U3IRT (2)	L3IRT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
YSR316CFXLTKITC	1	1.41	Red 18	W3IRT (2) W3IVT (2)	U3IRT (2)	U3IRT (2)	U3IRT (2)	L3IRT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
YSR32FX29FXLTKITC	1	1.48	Red 18	W3IRT (2) W3IVT (2)	U3IRT (2)	U3IRT (2)	U3IRT (2)	L32RT (2)	1 CRIMP	1 CRIMP
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
YSR32FX28FXLTKITC	1	1.48	Red 18	W3IRT (2) W3IVT (2)	U3IRT (2)	U3IRT (2)	U3IRT (2)	L32RT (2)	1 CRIMP	1 CRIMP
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
YSR29FX28LTKITC	1	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR29FX25FXLTKITC	1	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
YSR29FX2CFXLTKITC	1	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	U29RT (1)	U29RT (1)	U29RT (1)	L29RT (1)	1 CRIMP	1 CRIMP
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
YSR2825FXLTKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
YSR282CFXLTKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

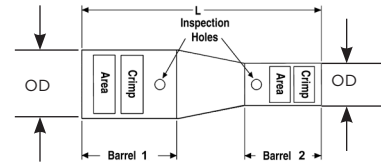


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR284CFXLTCKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
YSR286CFXLTCKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
YSR28FX28LTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP
YSR28FX26FXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
	2	1.19	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
YSR28FX25FXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
YSR28FX2CFXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
YSR28FX4CFXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	U28RT (1)	U28RT (1)	U28RT (1)	L28RT (1)	1 CRIMP	1 CRIMP
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
YSR26FX25FXLTCKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

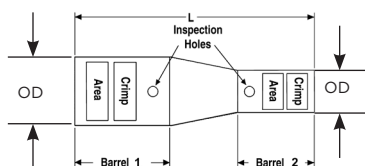


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR26FX2CFXLTKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
YSR26FX4CFXLTKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
YSR26FX6CFXLTKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	-	1 CRIMP	1 CRIMP
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
YSR25FX2CFXLTKITC	1	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
	2	0.76	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
YSR25FX4CFXLTKITC	1	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
	2	0.62	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
YSR25FX6CFXLTKITC	1	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
	2	0.61	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
YSR25FX8CFXLTKITC	1	1.01	Pink 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	-	1 CRIMP	1 CRIMP
	2	0.60	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	U8CRT (1)	U8CRT (1)	U8CRT (1)	-	1 CRIMP	-
YSR2CFX4CFXLTKITC	1	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
	2	0.63	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

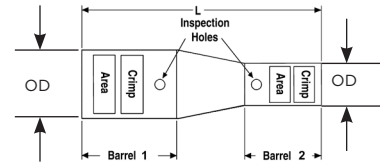


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR2CFX6CFXLTCKITC	1	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
	2	0.61	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
YSR2CFX8CFXLTCKITC	1	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	U2CRT (1)	U2CRT (1)	U2CRT (1)	-	1 CRIMP	1 CRIMP
	2	0.60	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	U8CRT (1)	U8CRT (1)	U8CRT (1)	-	1 CRIMP	-
YSR4CFX6CFXLTCKITC	1	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
	2	0.61	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
YSR4CFX8CFXLTCKITC	1	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
	2	0.60	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	U8CRT (1)	U8CRT (1)	U8CRT (1)	-	1 CRIMP	-
YSR4CFX10CLTCKITC	1	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	U4CRT (1)	U4CRT (1)	U4CRT (1)	-	1 CRIMP	-
	2	0.65	-	-	-	-	-	-	-	-
YSR6CFX8CFXLTCKITC	1	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
	2	0.57	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	U8CRT (1)	U8CRT (1)	U8CRT (1)	-	1 CRIMP	-
YSR6CFX10CLTCKITC	1	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
	2	0.63	-	-	-	-	-	-	-	-
YSR6CFX14CLTCKITC	1	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	U5CRT (1)	U5CRT (1)	U5CRT (1)	-	1 CRIMP	-
	2	0.63	-	-	-	-	-	-	-	-
YSR8CFX10CLTCKITC	1	0.57	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	U8CRT (1)	U8CRT (1)	U8CRT (1)	-	1 CRIMP	-
	2	0.63	-	-	-	-	-	-	-	-

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Standard Barrel With Inspection Window

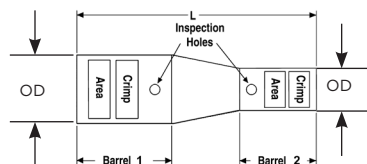


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR8CFX14CLTCKITC	1	0.57	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	U8CRT (1)	U8CRT (1)	U8CRT (1)	-	1 CRIMP	-
	2	0.63	-	-	-	-	-	-	-	-
YSR10CFX12CLTCKITC	1	0.63	-	-	-	-	-	-	-	-
	2	0.63	-	-	-	-	-	-	-	-
YSR10CFX14CLTCKITC	1	0.63	-	-	-	-	-	-	-	-
	2	0.63	-	-	-	-	-	-	-	-

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



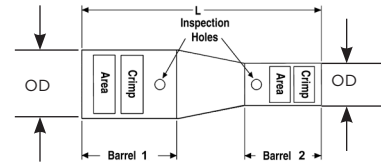
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR44FX39LTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.67	Black 24	-	-	-	-	-	-
YSR44FX38FXLTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.77	Pink L99	-	-	-	-	-	-
YSR44FX34LTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
YSR44FX34FXLTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
YSR44FX31LTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
YSR44FX30LTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.24	White 17	W30RT (2)* W30VT (2)	-	-	-	-	-
YSR44FX29LTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR44FX29FXLTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR44FX28LTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR44FX28FXLTCKITC	1	1.96	Yellow L115	-	-	-	-	-	-
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3939LTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.67	Black 24	-	-	-	-	-	-
YSR3938FXLTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.77	Pink L99	-	-	-	-	-	-
YSR3934LTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
YSR3934FXLTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



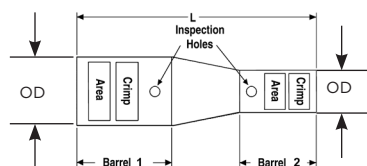
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR3931LTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
YSR3930LTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.24	White 17	W30RT (2)* W30VT (2)	-	-	-	-	-
YSR3929LTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR3929FXLTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR3928LTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3928FXLTCKITC	1	1.67	Black 24	-	-	-	-	-	-
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR38FX34LTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
YSR38FX34FXLTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
YSR38FX31LTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
YSR38FX30LTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.24	White 17	W30RT (2)* W30VT (2)	-	-	-	-	-
YSR38FX29LTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR38FX29FXLTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



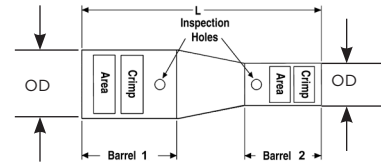
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR38FX28FXLTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR38FX28LTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR38FX26FXLTCKITC	1	1.77	Pink L99	-	-	-	-	-	-
	2	1.09	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3434FXLTCKITC	1	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
	2	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
YSR3431LTCKITC	1	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
	2	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
YSR3429FXLTCKITC	1	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR3428LTCKITC	1	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3426FXLTCKITC	1	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
	2	1.09	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3425FXLTCKITC	1	1.60	Brown 20	W34RT (2)* W34VT (2)	-	-	-	-	-
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR34FX31LTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



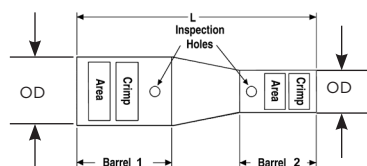
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR34FX29FXLTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR34FX28FXLTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR34FX28LTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR34FX26FXLTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	1.09	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR34FX25FXLTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR34FX2CFXLTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR34FX4CFXLTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR34FX6CFXLTCKITC	1	1.60	Blue 19	W32RT (2)* W32VT (2)	-	-	-	-	-
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR3129FXLTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



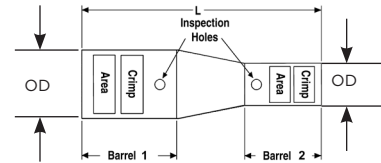
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR3128FXLTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3128LTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3126FXLTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR3125FXLTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR312CFXLTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR314CFXLTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR316CFXLTCKITC	1	1.41	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR32FX29FXLTCKITC	1	1.48	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
YSR32FX28FXLTCKITC	1	1.48	Red 18	W31RT (2)* W31VT (2)	-	-	-	-	-
	2	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



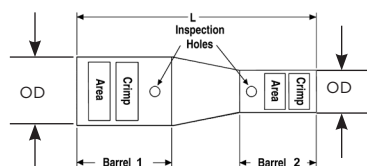
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR29FX28LTCKITC	1	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR29FX25FXLTCKITC	1	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR29FX2CFXLTCKITC	1	1.38	Yellow 16	X29RT (4) W29RT (2) W29VT (2)	1 CRIMP	-	-	-	-
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR2825FXLTCKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR282CFXLTCKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR284CFXLTCKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR286CFXLTCKITC	1	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR28FX28LTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	1.24	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



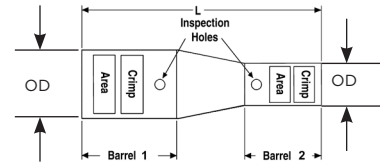
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR28FX26FXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	1.19	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR28FX25FXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR28FX2CFXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR28FX4CFXLTCKITC	1	1.36	Purple 15	X28RT (3) W28RT (2) W28VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR26FX25FXLTCKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
YSR26FX2CFXLTCKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR26FX4CFXLTCKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR26FX6CFXLTCKITC	1	1.10	Black 13	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



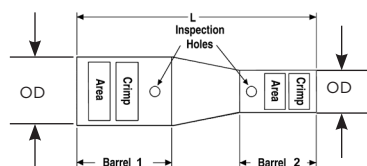
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR25FX2CFXLTCKITC	1	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.76	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR25FX4CFXLTCKITC	1	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.62	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR25FX6CFXLTCKITC	1	1.00	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.61	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR25FX8CFXLTCKITC	1	1.01	Pink 12	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	-	-	-
	2	0.60	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR2CFX4CFXLTCKITC	1	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
	2	0.63	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
YSR2CFX6CFXLTCKITC	1	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
	2	0.61	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR2CFX8CFXLTCKITC	1	0.78	Brown 10	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
	2	0.60	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR4CFX6CFXLTCKITC	1	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
	2	0.61	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Standard, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Standard Barrel With Inspection Window



Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR4CFX8CFXLTKITC	1	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
	2	0.60	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR4CFX10CLTKITC	1	0.71	Gray 8	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	-	2 CRIMPS	2 CRIMPS
	2	0.65	-	-	-	-	1 CRIMP	1 CRIMP	-
YSR6CFX8CFXLTKITC	1	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
	2	0.57	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
YSR6CFX10CLTKITC	1	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
	2	0.63	-	-	-	-	1 CRIMP	1 CRIMP	-
YSR6CFX14CLTKITC	1	0.70	Blue 7	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
	2	0.63	-	-	-	-	2 CRIMPS	-	-
YSR8CFX10CLTKITC	1	0.57	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
	2	0.63	-	-	-	-	1 CRIMP	1 CRIMP	-
YSR8CFX14CLTKITC	1	0.57	Red 49	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	-	1 CRIMP	1 CRIMP
	2	0.63	-	-	-	-	2 CRIMPS	-	-
YSR10CFX12CLTKITC	1	0.63	-	-	-	-	1 CRIMP	1 CRIMP	-
	2	0.63	-	-	-	-	2 CRIMPS	-	-
YSR10CFX14CLTKITC	1	0.63	-	-	-	-	1 CRIMP	1 CRIMP	-
	2	0.63	-	-	-	-	2 CRIMPS	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC HYREDUCER™ In-Line Long Barrel Reducer Splice Kits for Telecommunications Applications with Inspection Window

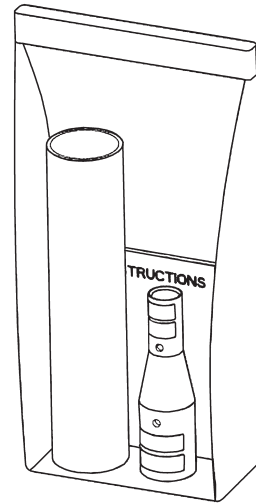
Type YSR-TC reducing splice kits provide for splicing two different cable sizes with inspection holes. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity and tin plated to resist corrosion. The YSR-TC family also features the BURNDY® color code system.

Features & Benefits

- Each splice kit includes one YSR-TC compression in-line splice reducer connector and heat shrink
- The YSR-TC type reducing compression splice connector provided in the kit is UL Listed in accordance with UL 486A-486B - Wire Connectors; UL Listed 90°C up to 35kV
- Barrels have 2 inspection windows on each side to allow for visual verification that the wire has been fully inserted prior to crimping the splice; not recommended in highly corrosive environments as the wire in the barrel would be exposed
- Designed configurations allow for copper code-to-code wire connections, copper code-to-flex wire connections, and copper flex-to-flex wire connections; see table for more complete details
- Barrel is designed with a taper to accommodate a main run wire that is reduced to a smaller tap wire
- Barrel also provided with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Connectors clearly marked with color coding
- Can be used in place of H-taps; the in-line design saves space in cable trays and other similar applications

Accessories

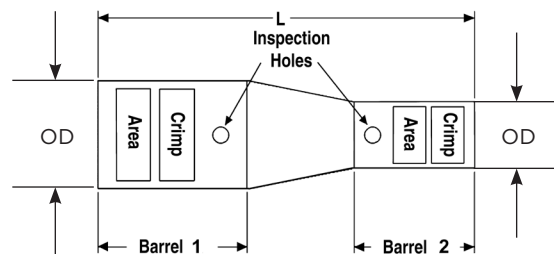
- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VWI Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

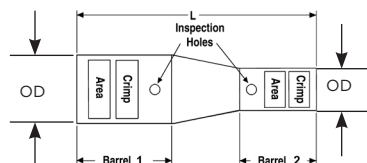
Note: All dimensions shown are for reference only.



Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Long Barrel Reducer Splice Kits with Inspection Window



Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.

Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR44FX39TCKITC	6.69	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	3.35	Yellow L115	750 kcmil B,C	-	1.30	2.82	Black 24
YSR44FX34TCKITC	7.23	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	3.35	Yellow L115	500 kcmil B,C	240 MM ² Class 2	1.06	2.75	Brown 20
YSR44FX31TCKITC	7.47	750 kcmil G,H 777 DLO	500 MM ² Class 5	1.49	3.35	Yellow L115	350 kcmil B,C	185 MM ² Class 2	0.88	2.51	Red 18
YSR3931TCKITC	6.43	750 kcmil B,C	-	1.30	2.82	Black 24	350 kcmil B,C	185 MM ² Class 2	0.88	2.51	Red 18
YSR3928TCKITC	6.51	750 kcmil B,C	-	1.30	2.82	Black 24	4/0 AWG B,C	-	0.69	2.11	Purple 15
YSR38FX31TCKITC	6.51	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	3.03	Pink L99	350 kcmil B,C	185 MM ² Class 2	0.88	2.51	Red 18
YSR38FX28TCKITC	6.59	500 kcmil H,I,K 550 kcmil G,H,I 535 DLO	300 MM ² Class 5	1.25	3.03	Pink L99	4/0 AWG B,C	-	0.69	2.11	Purple 15
YSR3431TCKITC	5.74	500 kcmil B,C	240 MM ² Class 2	1.06	2.75	Brown 20	350 kcmil B,C	185 MM ² Class 2	0.88	2.51	Red 18
YSR3428TCKITC	5.82	500 kcmil B,C	240 MM ² Class 2	1.06	2.75	Brown 20	4/0 AWG B,C	-	0.69	2.11	Purple 15
YSR3425FXTCKITC	5.69	500 kcmil B,C	240 MM ² Class 2	1.06	2.75	Brown 20	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.66	Pink 12
YSR34FX28TCKITC	5.82	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	2.75	Blue 19	4/0 AWG B,C	-	0.69	2.11	Purple 15
YSR34FX28FXTCKITC	5.83	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	2.75	Blue 19	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	2.34	Purple 15
YSR34FX25FXTCKITC	5.69	350 kcmil G,H,I,K,M 373 DLO	240 MM ² Class 5	1.06	2.75	Blue 19	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.66	Pink 12
YSR3128TCKITC	5.10	350 kcmil B,C	185 MM ² Class 2	0.88	2.51	Red 18	4/0 AWG B,C	-	0.69	2.11	Purple 15

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

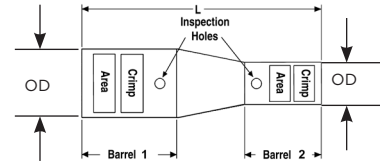
TYPE YSR-TC (Continued)

HYREDUCER™ In-Line Long Barrel Reducer Splice Kits with Inspection Window

Connector with Clear Heat Shrink Kit

Clear heat shrink UL224 VW1 Listed. Passes TELCORDIA GR-347-CORE Abrasion and Cut Test up to 750 kcmil Class B code cable; contact factory for 750 flex cable applications.

Note: All dimensions shown are for reference only.



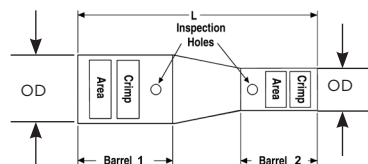
Kit Catalog Number	Overall Length (L)	Barrel 1					Barrel 2				
		Copper Wire Size		Dimensions		Color Code & Die Index #	Copper Wire Size		Dimensions		Color Code & Die Index #
		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)		Conductor	MM2	Outside Diameter (OD)	Barrel Length (B)	
YSR3125FXTCKITC	4.97	350 kcmil B,C	185 MM ² Class 2	0.88	2.51	Red 18	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.66	Pink 12
YSR312CFXTCKITC	4.91	350 kcmil B,C	185 MM ² Class 2	0.88	2.51	Red 18	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	1.33	Brown 10
YSR32FX29FXTCKITC	5.30	300 kcmil G,H,I,K,M DLO	185 MM ² Class 5	0.95	2.48	Red 18	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	2.34	Yellow 16
YSR32FX28FXTCKITC	5.28	300 kcmil G,H,I,K,M DLO	185 MM ² Class 5	0.95	2.48	Red 18	4/0 AWG B,C,G,H,I,K,M DLO	120 MM ² Class 5	0.77	2.34	Purple 15
YSR29FX25FXTCKITC	4.63	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	2.36	Yellow 16	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.66	Pink 12
YSR29FX2CFXTCKITC	4.56	250 kcmil B,C 4/0 AWG G,H,I,K,M DLO	120 MM ² Class 5	0.86	2.36	Yellow 16	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	1.33	Brown 10
YSR2825FXTCKITC	4.09	4/0 AWG B,C	-	0.69	2.11	Purple 15	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.66	Pink 12
YSR282CFXTCKITC	4.03	4/0 AWG B,C	-	0.69	2.11	Purple 15	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	1.33	Brown 10
YSR286CFXTCKITC	4.25	4/0 AWG B,C	-	0.69	2.11	Purple 15	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	1.27	Blue 7
YSR26FX6CFXTCKITC	3.86	2/0 AWG B,C,G,H,I,K,M DLO	70 MM ² Class 5	0.63	1.85	Black 13	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	1.27	Blue 7
YSR25FX6CFXTCKITC	3.48	1/0 AWG B,C,G,H,I,K,M DLO	50 MM ² Class 5	0.56	1.66	Pink 12	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	1.27	Blue 7
YSR2CFX6CFXTCKITC	2.88	2 AWG B,C,G,H,I,K,M DLO	35 MM ² Class 5	0.46	1.33	Brown 10	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	1.27	Blue 7
YSR4CFX6CFXTCKITC	2.49	4 AWG B,C,G,H,I,K,M DLO	-	0.38	1.15	Gray 8	6 AWG B,C,G,H,I,K,M DLO	16 MM ² Class 5	0.31	1.27	Blue 7

Separate Installation Tooling Chart follows.

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Long Barrel With Inspection Window

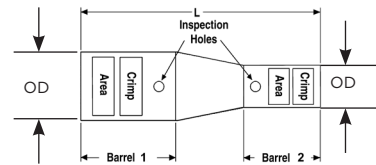


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR44FX39TCKITC	1	3.09	Yellow L115	-	U44XRT (4)	U44XRT (4)	U44XRT (4) P44XRT (4)	L44RT (2)	3 CRIMPS	1 CRIMP
	2	2.71	Black 24	-	U39RT (4)	U39RT (4)	U39RT (4) P39RT (4)	L39RT (2)	4 CRIMPS	1 CRIMP
YSR44FX34TCKITC	1	3.09	Yellow L115	-	U44XRT (4)	U44XRT (4)	U44XRT (4) P44XRT (4)	L44RT (2)	3 CRIMPS	1 CRIMP
	2	2.66	Brown 20	W34RT (4) W34VT (4)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	4 OVERLAPPING CRIMPS	1 CRIMP
YSR44FX31TCKITC	1	3.09	Yellow L115	-	U44XRT (4)	U44XRT (4)	U44XRT (4) P44XRT (4)	L44RT (2)	3 CRIMPS	1 CRIMP
	2	2.42	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
YSR3931TCKITC	1	2.71	Black 24	-	U39RT (4)	U39RT (4)	U39RT (4) P39RT (4)	L39RT (2)	4 CRIMPS	1 CRIMP
	2	2.42	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
YSR3928TCKITC	1	2.71	Black 24	-	U39RT (4)	U39RT (4)	U39RT (4) P39RT (4)	L39RT (2)	4 CRIMPS	1 CRIMP
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSR38FX31TCKITC	1	2.93	Pink L99	-	U38XRT (4)	U38XRT (4)	U38XRT (4)	L38RT(2)	2 CRIMPS	1 CRIMP
	2	2.47	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
YSR38FX28TCKITC	1	2.93	Pink L99	-	U38XRT (4)	U38XRT (4)	U38XRT (4)	L38RT(2)	2 CRIMPS	1 CRIMP
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSR3431TCKITC	1	2.67	Brown 20	W34RT (4) W34VT (4)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	4 OVERLAPPING CRIMPS	1 CRIMP
	2	2.42	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
YSR3428TCKITC	1	2.67	Brown 20	W34RT (4) W34VT (4)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	4 OVERLAPPING CRIMPS	1 CRIMP
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSR3425FXTCKITC	1	2.67	Brown 20	W34RT (4) W34VT (4)	U34RT (4)	U34RT (4)	U34RT (4)	L34RT (2)	4 OVERLAPPING CRIMPS	1 CRIMP
	2	1.68	Pink 12	X25RT (4) W25RT (4) W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	-	2 CRIMPS	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART
Long Barrel With Inspection Window

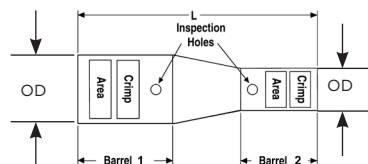


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR34FX28TCKITC	1	2.67	Blue 19	W32RT (4) W32VT (4)	U32RT (4)	U32RT (4)	U32RT (4)	L34RT (1)	2 CRIMPS	1 CRIMP
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSR34FX28FXTCKITC	1	2.67	Blue 19	W32RT (4) W32VT (4)	U32RT (4)	U32RT (4)	U32RT (4)	L34RT (1)	2 CRIMPS	1 CRIMP
	2	2.27	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSR34FX25FXTCKITC	1	2.67	Blue 19	W32RT (4) W32VT (4)	U32RT (4)	U32RT (4)	U32RT (4)	L34RT (1)	2 CRIMPS	1 CRIMP
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	-	2 CRIMPS	1 CRIMP
YSR3128TCKITC	1	2.42	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSR3125FXTCKITC	1	2.42	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	-	2 CRIMPS	1 CRIMP
YSR312CFXTCKITC	1	2.42	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L31RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP
	2	1.29	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	-	2 CRIMPS	1 CRIMP
YSR32FX29FXTCKITC	1	2.40	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L32RT (1)	2 CRIMPS	1 CRIMP
	2	2.27	Yellow 16	X29RT (8) W29RT (4) W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	2 CRIMPS	1 CRIMP
YSR32FX28FXTCKITC	1	2.40	Red 18	W31RT (4) W31VT (4)	U31RT (4)	U31RT (4)	U31RT (4)	L32RT (1)	2 CRIMPS	1 CRIMP
	2	2.27	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
YSR29FX25FXTCKITC	1	2.29	Yellow 16	X29RT (8) W29RT (4) W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	2 CRIMPS	1 CRIMP
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	-	2 CRIMPS	1 CRIMP

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC (Continued)

HYDRAULIC INSTALLATION TOOLING CHART Long Barrel With Inspection Window

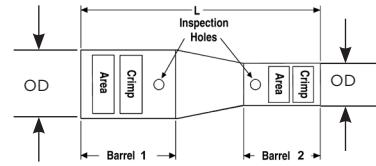


Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Hydraulic Tools Dies Required (# of Crimps)					Hydraulic Dieless Tools Number of Crimps	
				PATMD / 600 / 500 Series	750 / 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K / 81K2 / 4PC Series	644 / 444S Series
YSR29FX2CFXTCKITC	1	2.29	Yellow 16	X29RT (8) W29RT (4) W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	L29RT (1)	2 CRIMPS	1 CRIMP
	2	1.29	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	-	2 CRIMPS	1 CRIMP
YSR2825FXTCCKITC	1	2.06	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	-	2 CRIMPS	1 CRIMP
YSR282CFXTCKITC	1	2.06	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
	2	1.29	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	-	2 CRIMPS	1 CRIMP
YSR286CFXTCKITC	1	2.06	Purple 15	X28RT (6) W28RT (4) W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	L28RT (1)	2 CRIMPS	1 CRIMP
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	U5CRT (2)	U5CRT (2)	U5CRT (2)	-	1 CRIMP	-
YSR26FX6CFXTCKITC	1	1.80	Black 13	X26RT (4) W26RT (4) W26VT (4)	U26RT (2)	U26RT (2)	U26RT (2)	-	2 CRIMPS	1 CRIMP
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	U5CRT (2)	U5CRT (2)	U5CRT (2)	-	1 CRIMP	-
YSR25FX6CFXTCKITC	1	1.63	Pink 12	X25RT (4) W25RT (4) W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	-	2 CRIMPS	1 CRIMP
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	U5CRT (2)	U5CRT (2)	U5CRT (2)	-	1 CRIMP	-
YSR2CFX6CFXTCKITC	1	1.30	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	-	2 CRIMPS	1 CRIMP
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	U5CRT (2)	U5CRT (2)	U5CRT (2)	-	1 CRIMP	-
YSR4CFX6CFXTCKITC	1	1.12	Gray 8	X4CRT (2) W4CRT (2) W4CVT (2)	U4CRT (2)	U4CRT (2)	U4CRT (2)	-	1 CRIMP	-
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	U5CRT (2)	U5CRT (2)	U5CRT (2)	-	1 CRIMP	-

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART
Long Barrel With Inspection Window



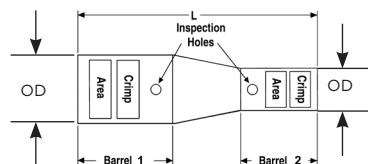
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR44FX39TCKITC	1	3.09	Yellow L115	-	-	-	-	-	-
	2	2.71	Black 24	-	-	-	-	-	-
YSR44FX34TCKITC	1	3.09	Yellow L115	-	-	-	-	-	-
	2	2.66	Brown 20	W34RT (4)* W34VT (4)	-	-	-	-	-
YSR44FX31TCKITC	1	3.09	Yellow L115	-	-	-	-	-	-
	2	2.42	Red 18	W31RT (4)* W31VT (4)	-	-	-	-	-
YSR3931TCKITC	1	2.71	Black 24	-	-	-	-	-	-
	2	2.42	Red 18	W31RT (4)* W31VT (4)	-	-	-	-	-
YSR3928TCKITC	1	2.71	Black 24	-	-	-	-	-	-
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR38FX31TCKITC	1	2.93	Pink L99	-	-	-	-	-	-
	2	2.47	Red 18	W31RT (4)* W31VT (4)	-	-	-	-	-
YSR38FX28TCKITC	1	2.93	Pink L99	-	-	-	-	-	-
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR3431TCKITC	1	2.67	Brown 20	W34RT (4)* W34VT (4)	-	-	-	-	-
	2	2.42	Red 18	W31RT (4)* W31VT (4)	-	-	-	-	-
YSR3428TCKITC	1	2.67	Brown 20	W34RT (4)* W34VT (4)	-	-	-	-	-
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR3425FXTCKITC	1	2.67	Brown 20	W34RT (4)* W34VT (4)	-	-	-	-	-
	2	1.68	Pink 12	X25RT (4) W25RT (4) W25VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR34FX28TCKITC	1	2.67	Blue 19	W32VT (4)	-	-	-	-	-
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR34FX28FXTCKITC	1	2.67	Blue 19	W32VT (4)	-	-	-	-	-
	2	2.27	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART Long Barrel With Inspection Window



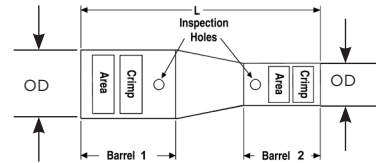
Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
					MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR
YSR34FX25FXTCKITC	1	2.67	Blue 19	W32VT (4)	-	-	-	-	-
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR3128TCKITC	1	2.42	Red 18	W31RT (4)* W31VT (4)	-	-	-	-	-
	2	2.05	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR3125FXTCKITC	1	2.42	Red 18	W31RT (4)* W31VT (4)	-	-	-	-	-
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR312CFXTCKITC	1	2.42	Red 18	W31RT (4)* W31VT (4)	-	-	-	-	-
	2	1.29	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	2 CRIMPS	2 CRIMPS	-	4 CRIMPS	4 CRIMPS
YSR32FX29FXTCKITC	1	2.40	Red 18	W31VT (4)	-	-	-	-	-
	2	2.27	Yellow 16	X29RT (8) W29RT (4) W29VT (4)	2 CRIMPS	-	-	-	-
YSR32FX28FXTCKITC	1	2.40	Red 18	W31VT (4)	-	-	-	-	-
	2	2.27	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR29FX25FXTCKITC	1	2.29	Yellow 16	X29RT (8) W29RT (4) W29VT (4)	2 CRIMPS	-	-	-	-
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
YSR29FX2CFXTCKITC	1	2.29	Yellow 16	X29RT (8) W29RT (4) W29VT (4)	2 CRIMPS	-	-	-	-
	2	1.29	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	2 CRIMPS	2 CRIMPS	-	4 CRIMPS	4 CRIMPS
YSR2825FXTCKITC	1	2.06	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
	2	1.61	Pink 12	X25RT (4) W25RT (4) W25VT (4)	2 CRIMPS	4 CRIMPS	-	-	-

* Not recommended due to handle force required for proper installation.

Copper, Code / Flex, Reducing Splice Kit, Long, Inspection Window

TYPE YSR-TC (Continued)

MECHANICAL INSTALLATION TOOLING CHART
Long Barrel With Inspection Window



Kit Catalog Number	Barrel	Strip Length	Color Code & Die Index #	Mechanical & Ratchet Dies Required (# of Crimps)	Mechanical & Ratchet Dedicated Die Tools Number of Crimps				
				MD6 / MD7 Series	MY28 / MY29 Series	MRC840	MRE1022B / Y8MRB1 / Y10D	Y122CMR	Y1MRTC
YSR282CFXTCKITC	1	2.06	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
	2	1.29	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	2 CRIMPS	2 CRIMPS	-	4 CRIMPS	4 CRIMPS
YSR286CFXTCKITC	1	2.06	Purple 15	X28RT (6) W28RT (4) W28VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	2 CRIMPS	2 CRIMPS	-	1 CRIMP	1 CRIMP
YSR26FX6CFXTCKITC	1	1.80	Black 13	X26RT (4) W26RT (4) W26VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	2 CRIMPS	2 CRIMPS	-	1 CRIMP	1 CRIMP
YSR25FX6CFXTCKITC	1	1.63	Pink 12	X25RT (4) W25RT (4) W25VT (4)	2 CRIMPS	4 CRIMPS	-	-	-
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	2 CRIMPS	2 CRIMPS	-	1 CRIMP	1 CRIMP
YSR2CFX6CFXTCKITC	1	1.30	Brown 10	X2CRT (2) W2CRT (2) W2CVT (2)	2 CRIMPS	2 CRIMPS	-	4 CRIMPS	4 CRIMPS
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	2 CRIMPS	2 CRIMPS	-	1 CRIMP	1 CRIMP
YSR4CFX6CFXTCKITC	1	1.12	Gray 8	X4CRT (2) W4CRT (2) W4CVT (2)	2 CRIMPS	2 CRIMPS	-	4 CRIMPS	4 CRIMPS
	2	1.24	Blue 7	X5CRT (2) W5CRT (2) W5CVT (2)	2 CRIMPS	2 CRIMPS	-	1 CRIMP	1 CRIMP

* Not recommended due to handle force required for proper installation.

Copper, Thin Wall C-Tap

TYPE YC-L Thin Wall Copper C-Tap

UL Listed 90° C, Up to 35 kV ♦

Type YC-L is a thin wall, high conductivity copper connector for making copper taps and parallel connections from #14 to 3/0 AWG.

Features & Benefits

- Material is high conductivity wrought copper providing low resistance for excellent electrical conductivity
- Bare copper ranging taking connector that allows for less inventory
- BURNDY certifies its products using the Burndy Engineered System and select other crimp tool manufacturers in accordance with one or more UL and CSA categories
 - UL Listed UL 486A-486B Wire Connectors
 - UL Listed 467 Grounding and Bonding Equipment (*YC3L12 is not UL Listed for Grounding and Bonding*)
 - CSA C22.2
 - Direct Burial Applications
- Reinforced ribs on the outside of the connector increase the mechanical strength of the connection
- Creates a compact connection that is easy for taping and insulating
- Connectors are clearly marked with color code dot, UL and CSA (when applicable), wire size, die index number and more

Note: All dimensions shown are for reference only.

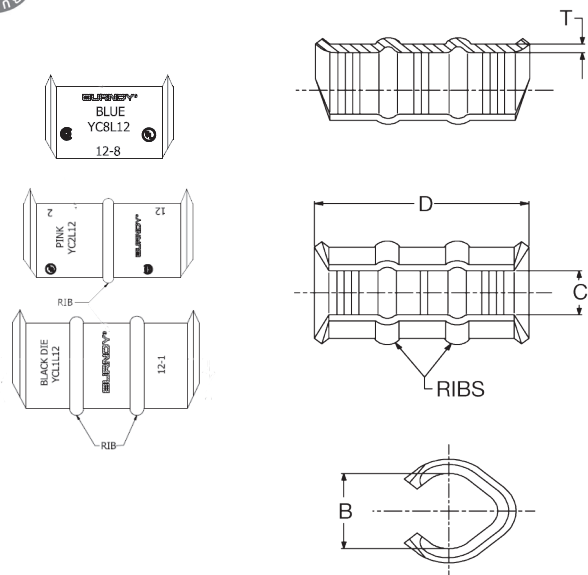
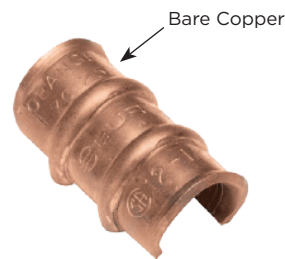
♦ See tooling section of this catalog for complete tool and die listings.

‡ Refer to website for sales drawing with complete listing with solid/stranded copper conductor

* Use PUADP1 adapter with U dies in 46 Series

For Tin plating add TN suffix (example = YC10L12TN)

** YC3L12 is NOT UL Listed or CSA Certified for Grounding and Bonding.

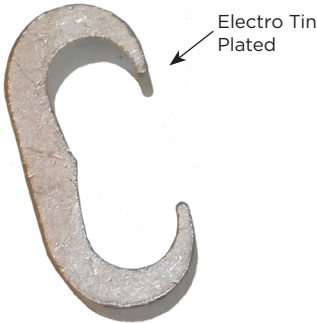


Catalog Number	Copper Conductor AWG Class B, C, Solid ‡		No. of Ribs	Dimensions				Color Code / Die Index	Installation Tooling					Wire Strip Length (IN)
				Run	Tap	B	C		D	T	Mechanical		Hydraulic	
	Y122CMR Y1MRTC	MD6, MD734R Die No. (# crimps)									MD6, 500 Series (# crimps)	35, 750, 46* Series (# of crimps)		
YC8L12	10 8	10 12	0	0.25	0.21	0.60	0.07	Blue 7	1 Crimp	W5CVT (1)	—	—	—	5/8
YC6L12	8 6	10-8 12-10	0	0.33	0.25	0.60	0.07	Gray 8	2 Crimps	W4CVT (1)	—	—	—	5/8
YC4L12	6 5, 4	8-6 12-8	1	0.39	0.28	1.18	0.07	Brown 10	2 Crimps	W2CVT (2)	WC4 (1)	UC4 (1)	10M	1-3/16
YC3L12**	5, 4 3	6-5 12-6	1	0.46	0.27	1.18	0.08	Green 11	—	W1CVT (2)	—	—	—	1-3/16
YC2L12	4 3 2	4 5 12-6	1	0.50	0.36	1.18	0.08	Pink 12	—	W25VT (2)	WC2 (1)	UC2 (1)	12M	1-3/16
YC1L12	3 2 1	4-3 5-4 12-5	2	0.55	0.34	1.75	0.08	Black 13	—	W26VT (3)	WC1 (2)	UC1 (1)	13M	1-13/16
YC25L12	2 1 1/0	3-2 4-3 12-4	2	0.62	0.42	1.75	0.09	Orange 14	—	W27VT (3)	WC25 (2)	UC25 (1)	14M	1-13/16
YC26L12	1 1/0 2/0	2-1 3-2 12-3	2	0.69	0.43	1.75	0.09	Purple 15	—	W28VT (3)	—	—	—	1-13/16
YC27L12	1/0 2/0 3/0	1-1/0 2-1 12-2	2	0.81	0.48	1.75	0.09	Yellow 16	—	W29VT (3)	—	—	—	1-13/16

Copper C-Tap

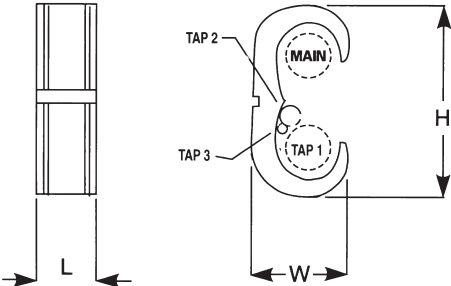
TYPE YCHC Copper CRIMPIT™ C-Tap

UL Listed 90° C, Up to 35 kV ♦



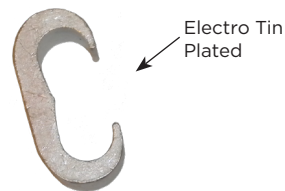
Features & Benefits

- Range taking C-tap that allows for less inventory as one C-tap can accommodate a multitude of wire combinations
- Accommodates a wide range of run/tap combinations
- Manufactured from high conductivity wrought copper providing low resistance for excellent electrical conductivity
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Each connector has a recommended UL Listed / CSA Certified insulating cover available in both black and clear (see table); clear cover allows for easy inspection of the connection (see separate page for full details on Type CCF-FR and CFR-FR Covers)
- Connectors are clearly marked with stamping
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing



Copper C-Tap

TYPE YCHC (Continued)



Note: To properly use tap 2 and/or tap 3 conductors in YCHC connector a conductor from the tap 1 cable range must be included in the tap 1 groove.

‡ To obtain covers made of polyethylene remove suffix-FR (example: CFO). CFO is not flame retardant.

* Use PUADP1 adaptor with U dies in 46 Series.

▲ See tooling section of Master Catalog for complete tool and die listings.

◆ For applications requiring flame retardant cover, use either a CCFBG-FR (Clear) or CFBG-FR (Black) cover and YH2C2C connector by ordering YH8C8CWCC (Clear) or YH8C8CWC (Black).

Note: All dimensions shown are for reference only.

Catalog Number	Flame Retardant Cover		Conductor Sizes				▲ Color Code Die Index
	Clear Cat. No.	Black Cat. No. ‡	Main (Run)	Tap 1	Tap 2	Tap 3	
YCHC44TC44	CCFRFR	CFRFR	1000-750 kcmil Class B,C 646-535 kcmil DLO 750-500 kcmil Class I	1000-750 kcmil Class B,C 646-535 kcmil DLO 750-500 kcmil Class I	—	—	White 1102
YCHC39TC39	CCFRFR	CFRFR	750-500 kcmil Class B,C 535-373 kcmil DLO 550-500 kcmil Class I	750-500 kcmil Class B,C 535-373 kcmil DLO 550-500 kcmil Class I	—	—	Blue 1103
YCHC39TC31	CCFRFR	CFRFR	750-500 kcmil Class B,C 535-373 kcmil DLO 550-500 kcmil Class I	350 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	2-6 AWG Class B,C,Solid 2-8 AWG Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class I, DLO	Blue 1103
YCHC39TC2	CCFRFR	CFRFR	750-500 kcmil Class B,C 535-373 kcmil DLO 550-500 kcmil Class I	2-6 AWG Class B,C,Solid 2-8 Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class I, DLO	—	Blue 1103
YCHC34TC34	CCFNFR	CFNFR	500 kcmil-4/0 AWG Class B,C 373 kcmil-4/0 AWG Class I, DLO	500 kcmil-4/0 AWG Class B,C 373 kcmil-4/0 AWG Class I, DLO	—	—	Brown 1104
YCHC34TC29	CCFNFR	CFNFR	500 kcmil-4/0 AWG Class B,C 373 kcmil-4/0 AWG Class I, DLO	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	2-6 AWG Class B,C,Solid 2-8 AWG Class I, DLO	—	Brown 1104
YCHC34TC2	CCFNFR	CFNFR	500 kcmil-4/0 AWG Class B,C 373 kcmil-4/0 AWG Class I, DLO	2-6 AWG Class B,C,Solid 2-8 Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class I, DLO	—	Brown 1104
YCHC29TC29	CCFDXFR	CFDFR	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	—	—	Orange 997
YCHC29TC2	CCDFDR	CFDFR	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	2-6 AWG Class B,C,Solid 2-8 Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class I, DLO	—	Red 251
YCHC2TC2	CCFOFR	CFOFR	2-6 AWG Class B,C,Solid 2-8 Class I, DLO	2-6 AWG Class B,C,Solid 2-8 Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class I, DLO	—	Brown C
YCHC8TC8	◆	◆	8-12 AWG Class B,C 8-12 AWG Class I, DLO	8-12 AWG Class B,C 8-12 AWG Class I, DLO	—	—	Red 240

Catalog Number	Flame Retardant Cover		▲ Tooling († No. of Crimps)			H	W	L	Strip Length (IN)	
	Clear Cat. No.	Black Cat. No. ‡	750, 35 Series	†	46* Series					†
YCHC44TC44	CCFRFR	CFRFR	—	—	P1102	1	3.59	1.73	1.16	1-1/4"
YCHC39TC39	CCFRFR	CFRFR	—	—	P1103	1	3.12	1.53	1.06	1-1/8"
YCHC39TC31	CCFRFR	CFRFR	—	—	P1103	1	2.96	1.53	1.31	1-3/8"
YCHC39TC2	CCFRFR	CFRFR	—	—	P1103	1	2.66	1.53	1.31	1-3/8"
YCHC34TC34	CCFNFR	CFNFR	U1104	2	U1104	1	2.97	1.38	1.00	1-1/4"
YCHC34TC29	CCFNFR	CFNFR	U1104	2	U1104	1	2.45	1.26	0.88	1"
YCHC34TC2	CCFNFR	CFNFR	U1104	2	U1104	1	2.45	1.26	0.94	1"
YCHC29TC29	CCFDXFR	CFDFR	U997	1	U997	1	2.12	.98	0.94	1"
YCHC29TC2	CCDFDR	CFDFR	U251	1	U251	1	1.78	.97	0.81	1"
YCHC2TC2	CCFOFR	CFOFR	UC	1	UC	1	1.22	.60	0.81	1"
YCHC8TC8	◆	◆	U240	1	U240	1	0.53	.35	0.56	5/8"

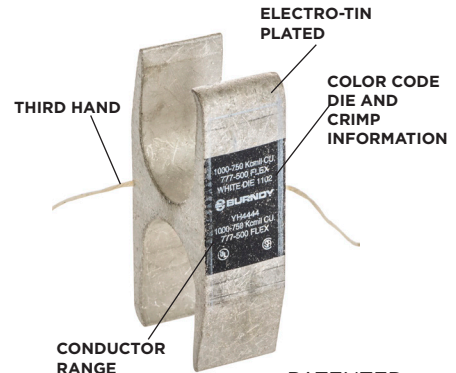
TYPE YH H-Tap Copper CRIMPIT™

UL Listed 90° C, Up to 35 kV ♦



UL Listed Grounding and Bonding Equipment*

Direct Burial Rated



Features & Benefits

- Connector: Uninsulated compression H-Tap Connectors
- Connection: Compression connectors are made irreversible and maintenance free
- Applicable Standards: Connectors are only UL Listed and CSA Certified when installed with the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more categories
 - Tested in accordance to UL 486A-486B / CSA C22.2 NO 65 Wire Connectors
 - Tested in accordance to UL 467 / CSA C22.2 No 41 Grounding and Bonding Equipment (***YH2929 to YH8C8C ONLY**)
- Temperature and voltage rating: 90°C, up to 35kV; For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions
- Wire Accommodates (see table): H-Tap grooves are designed to accommodate wire ranges
 - Code copper wire (CU): Class B (Concentric, Compressed, Compact) or Class C
 - Flex wire (CU): See table for wire classes
- Connectors are tin-plated
- Connector Design Features:
 - Designs with more than one tap wire groove require installers to utilize a minimum of one Main (Run) and one tap groove; others grooves can be left empty
 - Typical ink markings (as space permits and applicable): Crimp zone indicated by color bands, BURNDY name or logo, UL logo, CSA logo, Wire Size, Die Color Code, Index Number
 - The “third hand” is a string provided with the H-Tap connector used to wrap the wire while being inserted into the run and tap grooves; This feature constrains the wire while the installer applies the recommended number of crimps
- H-Tap connectors can be purchased separately or kitted with covers:
 - YH: H-Tap sold separately without a cover
 - YH-WC: Add “WC” for H-Tap kitted with black cover
 - YH-WCC: Add “WCC” for H-Tap kitted with clear cover

PATENTED

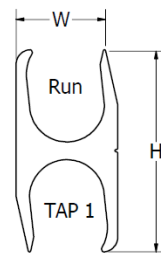


FIG 1

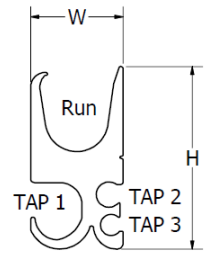


FIG 2

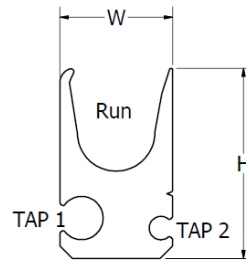


FIG 3

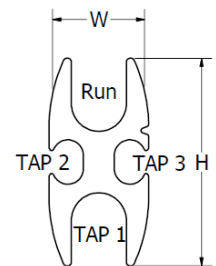


FIG 4

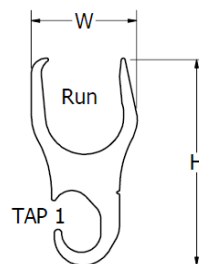


FIG 5

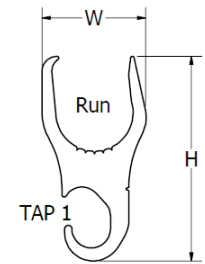


FIG 6

Copper Code, H-Tap

TYPE YH (Continued)



- Use PUADP1 adaptor with U dies in 46 Series.
- ▲ See tooling section of this catalog for complete tool and die listings.
- * Not CSA Certified.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

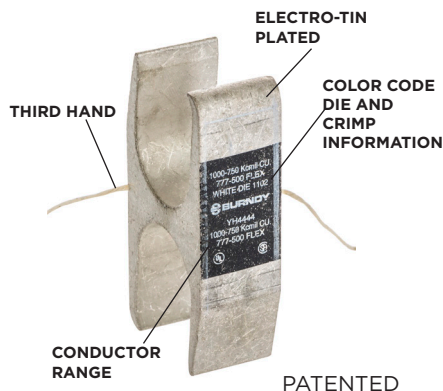


TABLE 1 CODE (Class B,C) & FLEX WIRE (Class G,H,I,K,M,DLO)

H-Tap Connector	Kit Catalog Number		Fig. No.	Conductor Sizes Code (Class B,C) & Flex Wire (Class G,H,I,K,M,DLO)			
	Flame Retardant Cover			Main	Tap 1	Tap 2	Tap 3
	Clear	Black †					
YH4444	YH4444WCC	YH4444WC	1	1000-750 kcmil Class B,C 777-535 DLO 750-500 kcmil Class I	1000-750 kcmil Class B,C 777-535 DLO 750-500 kcmil Class I	—	—
YH4434	YH4434WCC*	YH4434WC	6	1000-750 kcmil Class B,C 777-535 DLO 750-500 kcmil Class I	500-350 kcmil Class B,C 350 kcmil Class I,K	—	—
YH4429	YH4429WCC	YH4429WC	5	1000-750 kcmil Class B,C 777-535 DLO 750-500 kcmil Class I	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	—	—
YH3939	YH3939WCC	YH3939WC	1	750-500 kcmil Class B,C 535-444 kcmil DLO 550-450 kcmil Class I	750-350 kcmil Class B,C 535-313 kcmil DLO 550-350 kcmil Class I	—	—
YH3931	YH3931WCC	YH3931WC	2	750-350 kcmil B,C 535 kcmil DLO 550-500 kcmil Class I	4/0-1/0 AWG Class B,C 250 kcmil-1/0 AWG Class I, DLO 4/0 AWG Class K	1-6 AWG Solid 1-6 AWG Class B,C 1-8 AWG Class I, DLO	2-14 AWG Class B,C 2-14 AWG Class I, DLO
YH3434	YH3434WCC	YH3434WC	1	500-250 kcmil Class B,C 373 kcmil-4/0 AWG DLO 350 kcmil-4/0AWG Class I	500 kcmil-4/0 AWG Class B,C 373 kcmil-4/0 AWG DLO 350 kcmil-4/0 AWG Class I	—	—
YH3429	YH3429WCC	YH3429WC	2	500 kcmil-4/0 AWG Class B,C 373 kcmil-4/0 AWG DLO 350 kcmil-4/0 AWG Class I 4/0 AWG Class K	250 kcmil-1/0 AWG Class B,C 4/0-1/0 AWG Class I, DLO 4/0 AWG Class K	1-6 AWG Solid 1-6 AWG Class B,C 1-8 AWG Class I, DLO	8-14 AWG Class B,C 8-14AWG Class I, DLO 8 AWG Class K
YH2929	YH2929WCC	YH2929WC	1	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	—	—
YH292C	YH292CWCC	YH292CWC	3	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	2-6 AWG Solid 2-6 AWG Class B,C 2-8 AWG Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class I, DLO	—
YH298C	YH298CWCC	YH298CWC	3	250 kcmil-2 AWG Class B,C 4/0-2 AWG Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class G,H,I, DLO 8 AWG Class K	8-14 AWG Class B,C 8-14 AWG Class G,H,I, DLO 8 AWG Class K	—
YH2C2C	YH2C2CWCC	YH2C2CWC	4	2-6 AWG Solid 2-6 AWG Class B,C 2-6 AWG Class G,H,I, DLO 8 AWG Class I,K, DLO	2-6 AWG Solid 2-6 AWG Class B,C 2-6 AWG Class G,H,I, DLO 8 AWG Class I,K, DLO	8-14 AWG Class B,C 8-14 AWG Class G,H,I, DLO 8 AWG Class K	8-14 AWG Class B,C 8-14 AWG Class G,H,I, DLO 8 AWG Class K
YH6C6C	YH6C6CWCC	YH6C6CWC	1	6-10 AWG Class B,C 6-10 AWG Class I, DLO	6-14 AWG Class B,C 6-14 AWG Class I, DLO	—	—
YH8C8C	YH8C8CWCC	YH8C8CWC	4	8-14 AWG Class B,C 8-14 Class I, DLO	8-14 AWG Class B,C 8-14 AWG Class I, DLO	—	—

TYPE YH (Continued)



- Use PUADPI adaptor with U dies in 46 Series.
- ▲ See tooling section of this catalog for complete tool and die listings.
- * Not CSA Certified.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

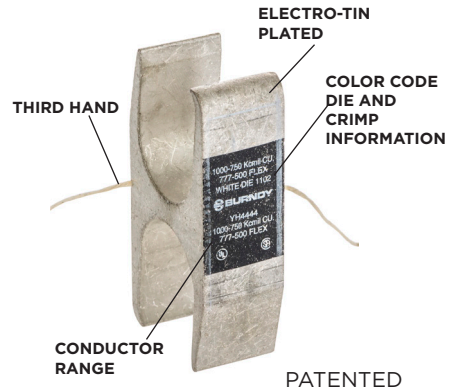


TABLE 2 METRIC CONDUCTOR mm2

H-Tap Connector	Kit Catalog Number		Fig. No.	Metric Conductor Sizes (mm ²)			
	Flame Retardant Cover			Main	Tap 1	Tap 2	Tap 3
	Clear	Black †					
YH4444	YH4444WCC	YH4444WC	1	508-380 mm2 Class 2 393-253 mm2 Class 5	508-380 mm2 Class 2 393-177 mm2 Class 5	—	—
YH4434	YH4434WCC	YH4434WC	6	508-380 mm2 Class 2 393-253 mm2 Class 5	253-177 mm2 Class 2 177 mm2 Class 5	—	—
YH4429	YH4429WCC	YH4429WC	5	508-380 mm2 Class 2 393-253 mm2 Class 5	127-33.6 mm2 Class 2 107-336.6 mm2 Class 5	—	—
YH3939	YH3939WCC	YH3939WC	1	380-253 mm2 Class 2 278-233 mm2 Class 5	380-177 mm2 Class 2 278-159 mm2 Class 5	—	—
YH3931	YH3931WCC	YH3931WC	2	380-177 mm2 Class 2 278-253 mm2 Class 5	107-53.5 mm2 Class 2 127-53.5 mm2 Class 5	42.4-13.3 mm2 Class 1 42.4-13.3 mm2 Class 2 42.4-8.4 mm2 Class 5	33.6-2.1 mm2 Class 2 33.6-2.1 mm2 Class 5
YH3434	YH3434WCC	YH3434WC	1	253-127 mm2 Class 2 189-107 mm2 Class 5	253-127 mm2 Class 2 189-107 mm2 Class 5	—	—
YH3429	YH3429WCC	YH3429WC	2	253-107 mm2 Class 2 189-107 mm2 Class 5	127-33.6 mm2 Class 2 107-336.6 mm2 Class 5	42.4-13.3 mm2 Class 1 42.4-13.3 mm2 Class 2 42.4-8.4 mm2 Class 5	8.4-2.1 mm2 Class 2 8.4-2.1 mm2 Class 5
YH2929	YH2929WCC	YH2929WC	1	127-33.6 mm2 Class 2 107-33.6 mm2 Class 5	127-33.6 mm2 Class 2 107-336.6 mm2 Class 5	—	—
YH292C	YH292CWCC	YH292CWC	3	127-33.6 mm2 Class 2 107-33.6 mm2 Class 5	33.6-13.3 mm2 Class 1 33.6-13.3 mm2 Class 2 33.6-8.4 mm2 Class 5	8.4-2.1 mm2 Class 2 8.4-2.1 mm2 Class 5	—
YH298C	YH298CWCC	YH298CWC	3	127-33.6 mm2 Class 2 107-33.6 mm2 Class 5	13.3-5.3 mm2 Class 2 13.3-5.3 mm2 Class 5	8.4-2.1 mm2 Class 2 8.4-2.1 mm2 Class 5	—
YH2C2C	YH2C2CWCC	YH2C2CWC	4	33.6-13.3 mm2 Class 1 33.6-13.3 mm2 Class 2 33.6-8.4 mm2 Class 5	33.6-13.3 mm2 Class 1 33.6-13.3 mm2 Class 2 33.6-8.4 mm2 Class 5	8.4-2.1 mm2 Class 2 8.4-2.1 mm2 Class 5	8.4-2.1 mm2 Class 2 8.4-2.1 mm2 Class 5
YH6C6C	YH6C6CWCC	YH6C6CWC	1	13.3-5.3 mm2 Class 2 13.3-5.3 mm2 Class 5	13.3-5.3 mm2 Class 2 13.3-5.3 mm2 Class 5	—	—
YH8C8C	YH8C8CWCC	YH8C8CWC	4	8.4-2.1 mm2 Class 2 8.4-2.1 mm2 Class 5	8.4-2.1 mm2 Class 2 8.4-2.1 mm2 Class 5	—	—

Copper Code, H-Tap

TYPE YH (Continued)



- Use PUADP1 adaptor with U dies in 46 Series.
- ▲ See tooling section of this catalog for complete tool and die listings.
- * Not CSA Certified.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

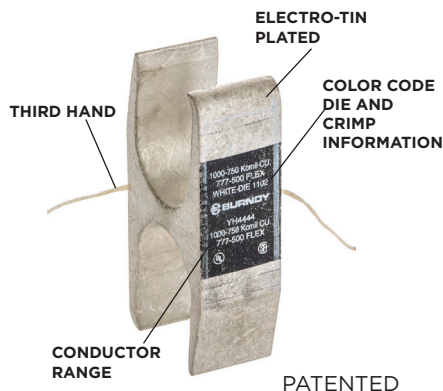


TABLE 3 INSTALLATION TOOLING + DIMENSIONS

Catalog Number	Kit Catalog Number		Fig. No.	Color Code Die Index	Dimensions			Wire Strip Length	▲ Hydraulic Tooling (No. of Crimps)		Kitted Cover Catalog #	
	Flame Retardant Cover				H	W	Length		35, 750 Series	46* Series	Clear Cover	Black Cover
	Clear	Black †										
YH4444	YH4444WCC	YH4444WC	1	White 1102	3.38	1.70	1.00	1-1/4	—	P1102 (1)	CCFR-FR	CFR-FR
YH4434	YH4434WCC*	YH4434WC	6	White 1102	3.38	1.70	1.00	1-3/8	—	P1102 (1)	CCFR-FR	CFR-FR
YH4429	YH4429WCC	YH4429WC	5	Yellow KR	3.22	1.70	1.00	1-3/8	—	PYFR (1)	CCFR-FR	CFR-FR
YH3939	YH3939WCC	YH3939WC	1	Yellow KR	2.97	1.50	1.25	1-3/8	—	PYFR (1)	CCFR-FR	CFR-FR
YH3931	YH3931WCC	YH3931WC	2	Yellow KR	2.97	1.50	0.95	1-1/16	—	PYFR (1)	CCFR-FR	CFR-FR
YH3434	YH3434WCC	YH3434WC	1	Brown 1104	2.43	1.15	1.00	1-1/8	U1104M (1) U1104 (2)	P1104 (1) U1104M (1)	CCFN-FR	CFN-FR
YH3429	YH3429WCC	YH3429WC	2	Brown 1104	2.43	1.31	1.00	1-1/8	U1104M (1) U1104 (2)	P1104 (1) U1104M (1)	CCFN-FR	CFN-FR
YH2929	YH2929WCC	YH2929WC	1	Purple 654	1.85	0.90	0.90	1-1/16	U654 (1)	U654 (1) P654 (1)	CCFD-FR	CFD-FR
YH292C	YH292CWCC	YH292CWC	3	Purple 654	1.52	0.90	0.90	1-1/16	U654 (1)	U654 (1) P654 (1)	CCFD-FR	CFD-FR
YH298C	YH298CWCC	YH298CWC	3	Purple 654	1.52	0.90	0.90	1-1/16	U654 (1)	U654 (1) P654 (1)	CCFD-FR	CFD-FR
YH2C2C	YH2C2CWCC	YH2C2CWC	4	Brown C	1.25	0.60	0.75	7/8	UC (1)	UC (1)	CCFO-FR	CFO-FR
YH6C6C	YH6C6CWCC	YH6C6CWC	1	Orange BG	0.81	0.39	0.60	3/4	UBGRT (1)	UBGRT (1)	CCFBG-FR	CFBG-FR
YH8C8C	YH8C8CWCC	YH8C8CWC	4	Green II	0.63	0.40	0.60	3/4	UIITI (1)	UIITI (1)	CCFBG-FR	CFBG-FR

H-Tap Covers, Black Flame Retardant; Clear Flame Retardant

TYPE CF-FR H-Tap Black Flame Retardant Cover

UL Listed 90° C, Up to 600 Volts



Features & Benefits

- Insulation cover that has a one-piece hinge design so not extra hardware is required
- After an H-tap connection is made, the appropriate CF-FR cover can be used to slip over the connection and latches securely shut
- The use of the insulation cover eliminates the need to tape the connection, making this solution a fast and reliable method of insulating
- Flash Barrier; the cover is designed to protect against electrical flashover
- Type CF-FR cover material has a UL94 V-0 Flame rating with a minimum 28 oxygen index that indicate self-extinguishing retardant properties
- Covers are clearly marked with lettering
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

* Use CFN-FR for single tap installation; use CFR-FR when 2 or more tap conductors are installed.

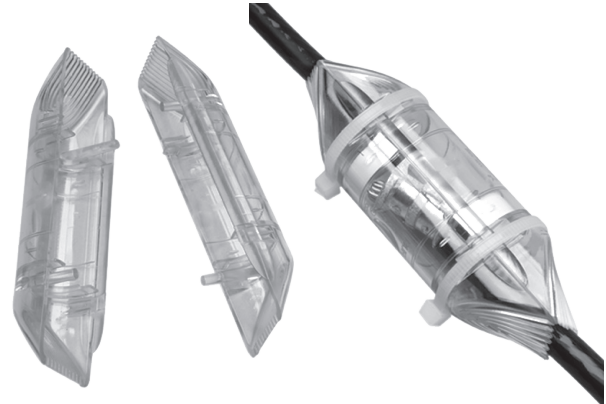
† Two-piece design packaged together.

Note: All dimensions shown are for reference only.

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CFBGFR	8 AWG	YH8C8C	0.65	Green
	6 AWG	YH6C6C	0.65	Orange
CFOFR	2 AWG	YH2C2C	0.80	Brown
CFDFR	250 kcmil	YH292C, YH298C, YH2929	0.95	Purple
CFNFR	500 kcmil	YH3434, YH3429*	1.10	Brown
CFRFR	750 kcmil	YH3939, YH3931, YH4429	1.30	Yellow
	1000 kcmil	YH4434, YH4444	1.10	White

TYPE CCF-FR Clear H-Tap Flame Retardant Cover

UL Listed 90° C, Up to 600 Volts



Features & Benefits

- Insulation cover that has a two-piece design with positive locking latch to ensure correct installation; prevents opening after installation
- After an H-tap connection is made, the appropriate Type CCF-FR cover can be used to slip over the connection and latch securely shut
- Embedded magnifying lense in the cover provides increased visibility of the H-tap die embossment on the connector made by the require installation tooling; this allows for improved visibility during a connection inspection
- Made of polished clear polycarbonate material that provides:
 - High visibility for inspection of installed H-tap connection
 - Built-in channels on the outside of the covers accommodate and hold cable ties, hook and loop ties, or waxed cord security in place after cover installation
 - Patented highly flexible fingers on each cover are designed to contour around the wire
 - Internal pockets designed to accommodate identification tags (4 ID tags included)
 - UL94 V-0 Flame rating indicating self-extinguishing retardant properties
- The use of the insulation cover eliminates the need to tape the connection making this solution a fast and reliable method of insulating
- Molded barrier prevents installed H-tap connectors from electrical flashover
- Covers come with two (2) clear halves, two (2) cable ties, and four (4) identification tags
- Covers are clearly marked with lettering
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

* Use CCFNFR for single tap installation; use CCFRFR when 2 or more tap conductors are installed.

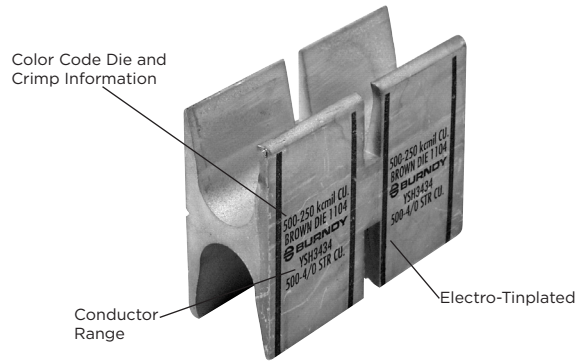
Note: All dimensions shown are for reference only.

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CCFBGFR	8 AWG	YH8C8C	0.65	Green
	6 AWG	YH6C6C	0.65	Orange
CCFOFR	2 AWG	YH2C2C	0.80	Brown
CCDFR	250 kcmil	YH292C, YH298C	0.95	Purple
CCFDXFR	250 kcmil	YH2929	0.95	Purple
CCFNFR	500 kcmil	YH3434, YH3429*	1.10	Brown
CCFRFR	750 kcmil	YH3939, YH3931, YH4429, YH4434,	1.30	Yellow
	1000 kcmil	YH4444	1.10	White

Copper, Code / Flex, Split Compression Wye Tap

TYPE YSH H Copper CRIMPIT™ Split Compression Wye Tap Connector

Type YSH heavy duty connectors are designed for insulated underground wye splices. The split H copper CRIMPIT™ connector is longer than our standard H copper CRIMPIT™ and is suitable for use on high voltage (15kV) power cables with copper conductors. The connectors cannot be used with oil filled or mass impregnated cables since no oil stop is provided. The connector is installed with standard BURNDY® HYPRESS™ tools and is made of tin-plated electrolytic copper.



Features & Benefits

- Range taking H-tap that allows for less inventory as one H-tap can accommodate a multitude of wire combinations
- Accommodates a wide range of run / tap combinations
- The tap grooves act independently; the use of one run and one tap wire is required when using this connector for making a connection
- Manufactured from high conductivity wrought copper providing low resistance for excellent electrical conductivity
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Color coded to ensure proper die and installation tooling is selected
- Insulation is not provided; insulation may be obtained from Raychem (800-272-9243) Type HVSY Splice Kits for 15kV installations; a complete IEEE 404 15kV installation is provided

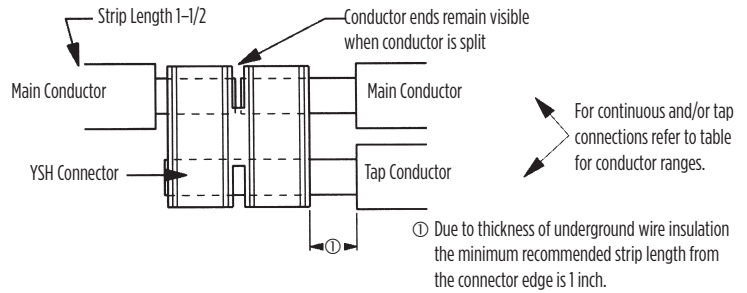
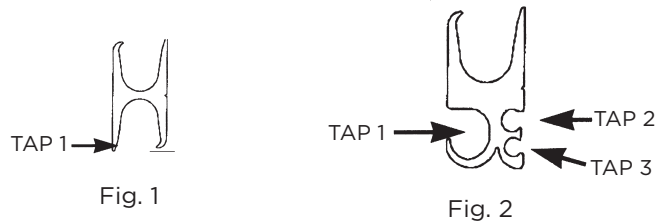
* Use PUADP1 adaptor with U dies in 46 Series. P dies result in a smooth crimp surface and is recommended for voltages above 600 V.

▲ See tooling section of this catalog for complete tool and die listings.

† Number of crimps per connector. U dies require double crimps.

Note: All dimensions shown are for reference only.

Expanded Tap 1 Components	
Expanded Catalog Number	Tap 1 Range
YSH-292C-E	#2 Str.
YSH-2925-E	1/0 Str.



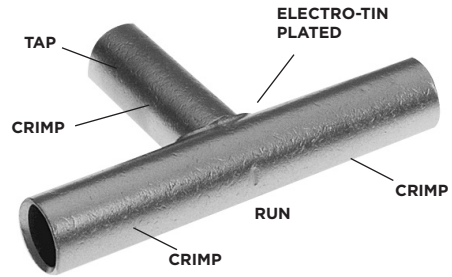
Catalog Number	Fig. #	Conductor Sizes Code Expanded Tap 1 (Flex Cable)				750 Series	†	46* Series	†	Color Code	Die Index ▲ & Embossment	H	W	L	Wire Strip Length (IN)
		AWG	Tap 1	Tap 2	Tap 3										
YSH2929	1	250 kcmil - 2 AWG (4/0 - 2)	250 kcmil - 2 AWG (4/0 - 2)	-	-	U654	4	P654	2	Purple	654	1.85 in	0.90 in	3.00 in	1 1/2
YSH3429	2	500 kcmil - 4/0 AWG (350 - 4/0)	250 kcmil- 1/0 AWG (4/0 - 1/0)	1- 6 AWG (1 - 8)	8- 14 AWG (8 - 14)	U1104	4	P1104	2	Brown	1104	2.23 in	1.31 in	3.00 in	1 1/2
YSH3434	1	500- 250 kcmil (350 - 4/0)	500 kcmil- 4/0 AWG (350 - 4/0)	-	-	U1104	4	P1104	2	Brown	1104	2.43 in	1.15 in	3.00 in	1 1/2
YSH3931	2	750 - 350 kcmil (550 - 500)	4/0 - 1/0 AWG (350 - 1/0)	1-6 AWG (1 - 8)	2-14 AWG (2 - 14)	-	-	PYFR	2	Yellow	KR	2.97 in	1.50 in	3.00 in	1 1/2
YSH3939	1	750 - 500 kcmil (550 - 500)	750 - 350 kcmil (550 - 350)	-	-	-	-	PYFR	2	Yellow	KR	2.97 in	1.50 in	3.00 in	1 1/2

TYPE YST Uninsulated Copper HYTEE™ T-Coupler



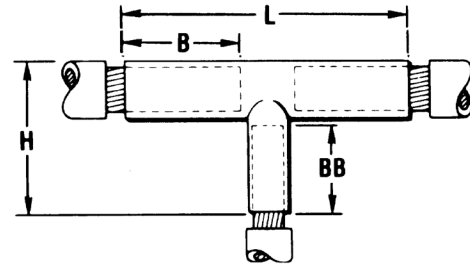
UL Listed to 90° C, Up to 35 kV ♦

Type YST copper compression tee is designed for connecting a run conductor with a perpendicular tap conductor. Type YST connectors are commonly used in junction boxes and manholes to make a radial tap off a main run. They are needed in many industrial, utility generation, and commercial applications. The most common cable combinations are listed below. The Type Y-R reducers can also be used to accommodate most cable combinations.



Features & Benefits

- Manufactured from high conductivity electrolytic copper tubing with heavy wall thickness, Type YST T-couplers provide low resistance for excellent electrical conductivity
- Featuring long barrel length for all three wire wire accommodating barrels allows for an increased number of crimps, in turn increasing the mechanical strength of the connection while allowing the connection to operate at a lower temperature rating; additionally, the long barrel permits the use of the Type Y-R reducing adapters
- Accommodates a wide range of run / tap combinations
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing



Catalog Number	Code • Conductors		Dimensions				Dieless (# of crimps)	Installation Tooling ▲						Wire Strip Length (IN)	
								Run Conductors			Tap Conductors				
	Run	Tap	B	BB	H	L		35 ■ , 750, 46* Series			35 ■ , 750, 46* Series			Run	Tap
								Die Number (# of crimps)	Color Code	Die Index	Die Number (# of crimps)	Color Code	Die Index ▲		
YST4C4C	4 AWG	4 AWG	1.12	1.38	1.72	3.25	644 Series (1) 81K Series (1)	U4CRT (2)	Gray	8	U4CRT (2)	Gray	8	1-3/16"	1-3/16"
YST2C2C	2 AWG	2 AWG	1.25	1.56	1.98	3.56		U2CRT (2)	Brown	10	U2CRT (2)	Brown	10	1-5/16"	1-5/16"
YST2525	1/0 AWG	1/0 AWG	1.38	1.56	1.91	3.81		U25RT (2)	Pink	12	U25RT (2)	Pink	12	1-7/16"	1-7/16"
YST2626	2/0 AWG	2/0 AWG	1.50	1.67	2.18	3.94		U26RT (2)	Black	13	U26RT (2)	Black	13	1-9/16"	1-9/16"
YST282C	4/0 AWG	2 AWG	1.62	1.50	2.12	3.94		U28RT (2)	Purple	15	U2CRT (2)	Brown	10	1-11/16"	1-5/16"
YST2825	4/0 AWG	1/0 AWG	1.62	1.56	2.25	4.00	—	U28RT (2)	Purple	15	U25RT (2)	Pink	12	1-11/16"	1-5/8"
YST2828	4/0 AWG	4/0 AWG	1.62	1.75	2.44	4.19		U28RT (2)	Purple	15	U28RT (2)	Purple	15	1-11/16"	1-13/16"
YST2929	250 kcmil	250 kcmil	1.62	1.78	2.53	4.25	644 Series (2) 81K Series (2)	U29RT (2)	Yellow	16	U29RT (2)	Yellow	16	1-11/16"	1-11/16"
YST3131	350 kcmil	350 kcmil	2.00	2.25	3.12	5.50		U31RT (4)	Red	18	U31RT (4)	Red	18	2"	2"
YST3428	500 kcmil	4/0 AWG	2.25	1.75	2.81	5.81		U34RT (4)	Brown	20	U28RT (2)	Purple	15	2-5/16"	1-11/16"
YST3434	500 kcmil	500 kcmil	2.25	2.70	3.76	6.19		U34RT (4)	Brown	20	U34RT (4)	Brown	20	2-5/16"	2-5/16"
YST3939	750 kcmil	750 kcmil	2.88	3.34	4.64	8.12		U39RT (4)	Black	24	U39RT (4)	Black	24	2-15/16"	2-15/16"

Notes:

- * Use adapter PUADP1 with U Dies in 46 Series.
 - The maximum size for the Y35 is 400 kcmil.
 - Contact factory for conductor combinations not shown.
 - ▲ See tooling section of this catalog for complete tool and die listings.
 - ♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- All dimensions shown are for reference only.

Aluminum / Copper, 1-Hole, Uninsulated Aluminum Terminals

TYPE YA-A HYLUG™

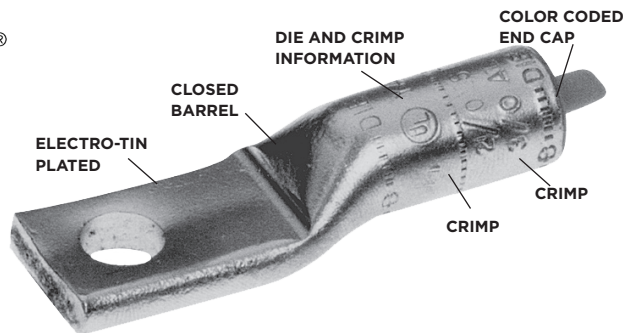
UL Listed 90° C, Up to 35 kV ♦



AL9CU

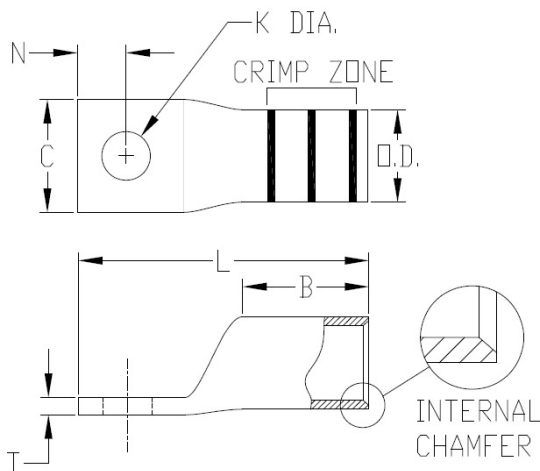


Type YA-A aluminum tin-plated compression HYLUG™ terminals are dual-rated and designed for use on both aluminum and copper conductors from #12 solid through 2000 kcmil.



Features & Benefits

- UL486A-486B Listed and CSA Certified
- Aluminum terminals are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector:
 - AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV
 - AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- 45° and 90° angular lugs are available, please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in a connection; it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Connectors have been tested with expanded wire ranges when installed with specified dieless tools. See Beginning of Section C for Expanded Ranges Tables.
- Conductor Accommodate Types:
 - Aluminum Code Wire: Class B (Concentric, Compressed, Compact)
 - Copper Code Wire: Class B (Concentric, Compressed, Compact or Class C)
 - Copper Clad Aluminum: Noted in the conductor accommodates as CCA



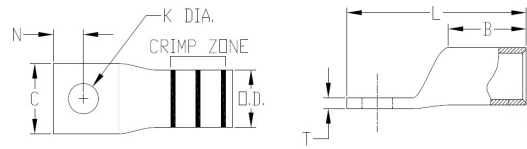
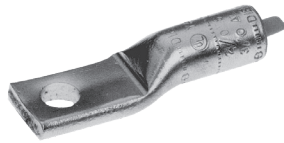
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications. BURNDY will not be liable for the connection.

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Aluminum / Copper, 1-Hole, Uninsulated Aluminum Terminals

TYPE YA-A (Continued)



- Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- * AL Conductor Only

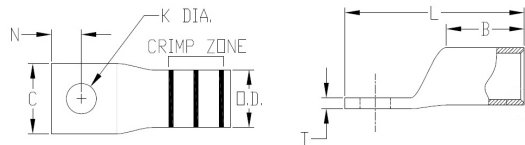
Note: All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	AL / Cu Conductor	Dimensions									Color Code	Die Index	Wire Strip Length (IN)	Temperature Rating
		Stud Size	Stud Hole Diameter (K)	No. of Holes in Pad	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Offset (N)	Pad Thickness (T)				
YA12ATN*	12 AWG 12 Sol.	#10	0.20	1	0.21	0.50	0.41	1.19	0.20	0.07	—	—	5/8	75° C
YA10ATN*	10 AWG 10 Sol.	#10	0.20	1	0.21	0.50	0.41	1.22	0.20	0.06	—	—	5/8	75° C
YA8CA1	8 AWG	#10	0.20	1	0.30	0.62	0.53	1.50	0.20	0.09	Blue	374	5/8	75° C
YA8CA3		1/4	0.28	1	0.30	0.62	0.53	1.65	0.25	0.09				
YA6CA1	6 AWG	1/4	0.28	1	0.34	0.75	0.47	1.84	0.33	0.14	Gray	346	3/4	90° C
YA6CA3		3/8	0.44	1	0.34	0.75	0.65	2.28	0.44	0.09				
YA4CA1	4 AWG	1/4	0.28	1	0.43	0.88	0.47	2.13	0.33	0.18	Green	375	7/8	90° C
YA4CA3		5/16	0.38	1	0.43	0.88	0.80	2.25	0.41	0.12				
YA4CA6		3/8	0.44	1	0.43	0.88	0.80	2.32	0.44	0.12				
YA2CA5	2 AWG	1/4	0.28	1	0.53	1.00	0.50	2.25	0.33	0.22	Pink	348	1-1/8	90° C
YA2CA1		5/16	0.38	1	0.53	1.12	0.88	2.50	0.41	0.16				
YA2CA3		3/8	0.44	1	0.53	1.12	0.88	2.56	0.44	0.16				
YA1CA1	1 AWG	3/8	0.44	1	0.54	0.91	0.76	2.59	0.44	0.19	Gold	471	15/16	90° C
YA25A1	1/0 AWG	5/16	0.38	1	0.60	1.00	0.60	2.31	0.41	0.21	Tan	296	1-1/16	90° C
YA25A3		3/8	0.44	1	0.60	1.05	0.82	2.67	0.63	0.21				
YA25A9		1/2	0.56	1	0.60	1.05	1.03	2.83	0.63	0.17				
YA26A7	2/0 AWG	5/16	0.38	1	0.67	1.17	0.67	2.52	0.41	0.24	Olive	297	1-3/8	90° C
YA26A6		3/8	0.44	1	0.67	1.17	0.67	2.79	0.44	0.24				
YA26A1		1/2	0.56	1	0.67	1.17	1.03	3.03	0.63	0.20				
YA26A8		5/8	0.69	1	0.67	1.17	1.03	3.03	0.63	0.20				
YA27A1	3/0 AWG	3/8	0.44	1	0.76	1.11	0.73	2.88	0.44	0.26	Ruby	467	1-1/2	90° C
YA27A3		1/2	0.56	1	0.76	1.31	1.04	3.27	0.63	0.26				
YA28A1	4/0 AWG	3/8	0.44	1	0.85	1.39	1.17	3.26	0.44	0.30	White	298	1-5/8	90° C
YA28A3		1/2	0.56	1	0.85	1.39	1.17	3.44	0.63	0.30				
YA29A9	250 kcmil	3/8	0.41	1	0.92	1.45	1.26	3.09	0.41	0.33	Red	324	1-9/16	90° C
YA29A1		1/2	0.56	1	0.92	1.45	1.26	3.53	0.63	0.33				
YA29A6		5/8	0.69	1	0.92	1.45	1.26	3.69	0.75	0.33				
YA30A6	300 kcmil	3/8	0.44	1	1.01	1.53	1.38	3.90	0.63	0.36	Blue	470	1-3/4	90° C
YA30A1	4/0 AWG CCA DLO (329/22)	1/2	0.56	1	1.01	1.53	1.38	3.90	0.63	0.36				
YA31A6	350 kcmil	3/8	0.44	1	1.11	1.85	1.52	3.95	0.44	0.39	Brown	299	2-1/8	90° C
YA31A1	250 kcmil CCA DLO (399/22)	1/2	0.56	1	1.11	1.85	1.52	4.33	0.63	0.39				
YA31A12	5/8	0.65	1	1.11	1.85	1.52	4.33	0.44	0.39					
YA32A9	400 kcmil	3/8	0.41	1	1.19	2.26	1.62	3.95	0.41	0.43	Green	472	2-5/16	90° C
YA32A6		1/2	0.56	1	1.19	2.26	1.62	4.92	0.88	0.43			2-1/2	90° C
YA32A1		5/8	0.69	1	1.19	2.26	1.62	4.92	0.88	0.43			2-1/2	90° C

Aluminum / Copper, 1-Hole, Uninsulated Aluminum Terminals

TYPE YA-A (Continued)



- Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- * AL Conductor Only

Note: All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	AL / Cu Conductor	Dimensions									Color Code	Die Index	Wire Strip Length (IN)	Temperature Rating
		Stud Size	Stud Hole Diameter (K)	No. of Holes in Pad	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Offset (N)	Pad Thickness (T)				
YA34A7	500 kcmil	1/2	0.56	1	1.32	2.34	1.80	5.02	0.63	0.46	Pink	300	2-5/8	90° C
YA34A1	350 kcmil CCA DLO (551/22)	5/8	0.69	1	1.32	2.34	1.80	5.56	0.88	0.46				
YA36A8	600 kcmil	1/2	0.56	1	1.44	2.47	1.97	5.64	0.69	0.52	Black	473	2-7/8	90° C
YA36A1	500 kcmil CCA DLO (779/22)	5/8	0.69	1	1.44	2.47	1.97	5.82	0.88	0.52				
YA39A1	700 - 750 kcmil	1/2	0.56	1	1.46	2.46	2.05	5.26	0.63	0.43	Yellow	936	2-7/8	90° C
YA39A3	900 kcmil	5/8	0.69	1	1.46	2.46	2.05	5.80	0.88	0.43				
YA39A34	Compact AL [†] 600 kcmil CCA DLO (925/22)	3/4	0.81	1	1.46	2.46	2.05	6.17	1.00	0.43				
YA42A1	900 kcmil AL	1/2	0.56	1	1.50	2.46	2.14	5.32	0.63	0.39	Gray	303	2-7/8	90° C
YA42A3		5/8	0.69	1	1.50	2.46	2.14	5.32	0.66	0.39				
YA44A1	1000 kcmil 750 kcmil CCADLO (1194/22) 800 kcmil CCA DLO (1258/22)	5/8	0.69	1	1.84	2.74	2.50	6.50	0.88	0.66	Brown	302	3	90° C

Type YA-A Installation Tooling Table Aluminum Terminals Hydraulic (Requiring Dies)

Catalog Number Type	Wire / Conductor Size	Wire Strip Length	Color Code Die Index	Hydraulic Tools - Dies Required (# Crimps)				
	Class B, C (AL/CU)			MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series
YA8CA-	#8 AWG	5/8	Blue 374	X8CART (2) W374 (1)	U8CABT (1)	U8CABT (1)	U8CABT (1)	—
YA6CA-	#6 AWG	3/4	Gray 346	X6CART (2)	U6CABT (1)	U6CABT (1)	U6CABT (1)	—
			No Color 161	W161 (1) X161 (2)	—	—	—	—
YA4CA-	#4 AWG	1	Green 375	X4CART (3)	U4CABT (1)	U4CABT (1)	U4CABT (1)	—
			No Color 162	W162 (3)	—	—	—	—
YA2CA-	#2 AWG	1-1/4	Pink 348	X2CART (4)	U2CABT (1)	U2CABT (1)	U2CABT (1)	—
			No Color 163	W163 (3)	—	—	—	—
			No Color 239	W239 (2) X239 (4)	—	—	—	—
YA1CA-	#1 AWG	1-1/16	Gold 471	X1CART (3)	U1CART (1)	U1CART (1)	U1CART (1)	—
			No Color 163	W163 (3)	—	—	—	—
YA25A-	1/0 AWG	1-3/16	Tan 296	X25ART (4)	U25ART (1)	U25ART (1)	U25ART (1)	—
			No Color 241	X241 (2)	—	—	—	—
YA26A-	2/0 AWG	1-3/8	Olive 297	X26ART (4) WBG (2)	U26ART (2)	U26ART (2)	U26ART (2)	—
			No Color 245	W245 (3) X245 (4)	—	—	—	—
YA27A-	3/0 AWG	1-1/2	Ruby 467	X27ART (4)	U27ART (2)	U27ART (2)	U27ART (2)	—
			No Color 166	W166 (4)	—	—	—	—
YA28A-	4/0 AWG	1-5/8	White 298	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	L28ART (1)
			No Color 660	W660 (3) X660 (8)	—	—	—	—
YA29A-	250 kcmil	1-5/8	Red 324	—	U29ART (2)	U29ART (2)	U29ART (2)	L29ART (1)
YA30A-	300 kcmil	1-3/4	Blue 470	—	U30ART (2)	U30ART (2)	U30ART (2)	L30ART (1)
YA31A-	350 kcmil	2-1/8	Brown 299	W31ART (4)	U31ART (2)	U31ART (2)	U31ART (2)	L31ART (1)
YA32A-	400 kcmil	2-1/2	Green 472	—	U32ART (4)	U32ART (4)	U32ART (4)	L32ART (2)
YA34A-	500 kcmil	2-5/8	Pink 300	—	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YA36A-	600 kcmil	2-7/8	Black 473	—	U36ART (4)	U36ART (4)	U36ART (4)	L36ART (2)
YA39A-	700 - 750 kcmil	2-7/8	Yellow 936	—	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	L39ART2 (2)
YA40A-	800 kcmil	3	Gray 474	—	—	S40ART (4)	P40ART (4)	L40ART (2)
YA42A-	900 AL kcmil	2-7/8	Gray 303	—	—	U42ART (4)	U42ART (4)	—
YA44A-	1000 kcmil	3-1/8	Brown 302*	—	—	S44ART (4)	P44ART (4)	L44ART (2)
YA45A-	1250 kcmil	3-1/8	Brown 302*	—	—	S44ART (4)	P44ART (4)	L44ART (2)
YA46A-	1500 kcmil	3-3/4	Blue 478	—	—	—	—	L46ART (2)
YA47A-	1750 kcmil	4-3/8	White 587	—	—	—	—	L47ART (2)
YA48A-	2000 kcmil	4-1/8	Red 479	—	—	—	—	L48ART (2)

*Index 302 recommended for 1.84 O.D. barrel

Type YA-A Installation Tooling Table Aluminum Terminals Hydraulic (Dieless)

Catalog Number Type	Wire / Conductor Size		Wire Strip Length	Color Code Die Index	Hydraulic Tools - Dieless # Crimps			
	Class B, C (AL/CU)	Copper Clad Aluminum (CCA) Only for use 644 / 444S Series			81K,4PC Series	644 Series	444S Series	Y644MBH Remote Head
YA8CA-	#8 AWG	—	5/8	Blue 374	1 Crimp	—	—	—
YA6CA-	#6 AWG	—	3/4	Gray 346	1 Crimp	1 Crimp	—	1 Crimp
				No Color 161	—	—	—	—
YA4CA-	#4 AWG	—	1	Green 375	1 Crimp	1 Crimp	1 Crimp	1 Crimp
				No Color 162	—	—	—	—
YA2CA-	#2 AWG	—	1-1/4	Pink 348	2 Crimps	1 Crimp	1 Crimp	1 Crimp
				No Color 163	—	—	—	—
				No Color 239	—	—	—	—
YA1CA-	#1 AWG	—	1-1/16	Gold 471	2 Crimps	1 Crimp	1 Crimp	1 Crimp
				No Color 163	—	—	—	—
YA25A-	1/0 AWG	—	1-3/16	Tan 296	2 Crimps	1 Crimp	1 Crimp	1 Crimp
				No Color 241	—	—	—	—
YA26A-	2/0 AWG	—	1-3/8	Olive 297	2 Crimps	1 Crimp	1 Crimp	1 Crimp
				No Color 245	—	—	—	—
YA27A-	3/0 AWG	—	1-1/2	Ruby 467	2 Crimps	1 Crimp	1 Crimp	1 Crimp
				No Color 166	—	—	—	—
YA28A-	4/0 AWG	—	1-5/8	White 298	2 Crimps	1 Crimp	1 Crimp	1 Crimp
				No Color 660	—	—	—	—
YA29A-	250 kcmil	—	1-5/8	Red 324	2 Crimps	1 Crimp	1 Crimp	1 Crimp
YA30A-	300 kcmil	4/0 AWG CCA DLO (329/22)	1-3/4	Blue 470	2 Crimps	1 Crimp	1 Crimp	1 Crimp
YA31A-	350 kcmil	250 kcmil CCA DLO (399/22)	2-1/8	Brown 299	3 Crimps	1 Crimp	1 Crimp	1 Crimp
YA32A-	400 kcmil	—	2-1/2	Green 472	4 Crimps	1 Crimp	1 Crimp	1 Crimp
YA34A-	500 kcmil	350 kcmil CCA DLO (779/22)	2-5/8	Pink 300	4 Crimps	1 Crimp	1 Crimp	1 Crimp
YA36A-	600 kcmil	500 kcmil CCA DLO (779/22)	2-7/8	Black 473	4 Crimps	1 Crimp	1 Crimp	1 Crimp
YA39A-	700 - 750 kcmil	600 kcmil CCA DLO (925/22)	2-7/8	Yellow 936	4 Crimps	1 Crimp	1 Crimp	1 Crimp
YA40A-	800 kcmil	—	3	Gray 474	—	1 Crimp	1 Crimp	1 Crimp
YA42A-	900 AL kcmil	—	2-7/8	Gray 303	—	2 Crimps	2 Crimps	2 Crimps
YA44A-	1000 kcmil	750 kcmil CCA DLO (1184/22) 800 kcmil CCA DLO (1258/22)	3-1/8	Brown 302**	—	—	1 Crimp	1 Crimp
YA45A-	1250 kcmil	900 kcmil CCA DLO (1406/22) 1000 kcmil CCA DLO (1554/22)	3-1/8	Brown 302**	—	—	—	—
YA46A-	1500 kcmil	—	3-3/4	Blue 478	—	—	—	—
YA47A-	1750 kcmil	—	4-3/8	White 587	—	—	—	—
YA48A-	2000 kcmil	—	4-1/8	Red 479	—	—	—	—

*Index 302 recommended for 1.84 O.D. barrel **Index 302 in dieless tools can only be crimped with 444S Series, Y644MBH, or Y644MBHF tools

Type YA-A Installation Tooling Table Installation Instructions

Installation Instructions

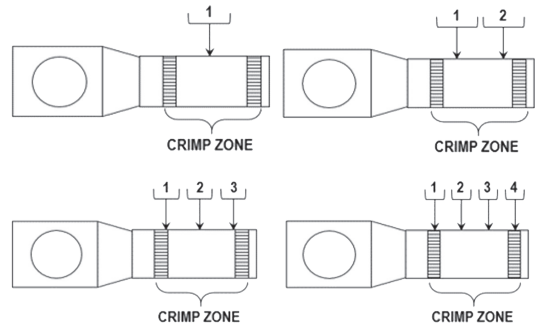
Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. In order to obtain a UL Listing BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more UL categories.

Aluminum Installation Steps:

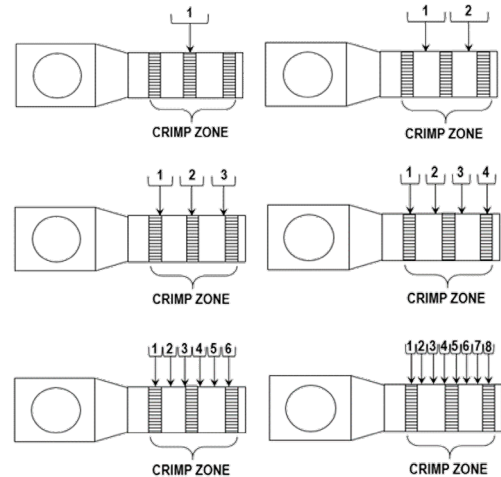
- Select the appropriate connector based on:
 - Wire Material
 - Wire Construction
 - Wire Size
- Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation stripping tools, this range may be 0" - 1/4". The exposed wire, also known as a "shiner", has no performance impact on the connection and there is no wire exposure requirement by BURNDY.
- Wire brush the bare conductor to remove any oxides. DO NOT wire brush tin-plated connectors.
- Apply PENETROX™ A13 oxide inhibitor to the bare conductor.
- Insert the conductor into the barrel for the full length. The connector barrel is filled with PENETROX™ A13, so be aware of the following:
 - Oxide inhibitor may discharge from the barrel when wire is fully inserted.
 - Oxide inhibitor may cause resistance that could feel like the wire is fully inserted. Ensure you insert the wire with enough force to penetrate the oxide inhibitor barrier until you reach the full wire insertion distance.
- Apply the proper number of crimps based on the installation tooling requirements. Use the illustrations as a guide on crimp placement and direction for the proper number of crimps.
- Remove excess PENETROX™ A13 that may discharge during installation.

*For simplicity, the images show a 1-hole connector, however, connectors are available in 1-hole, 2-hole or more hole patterns.

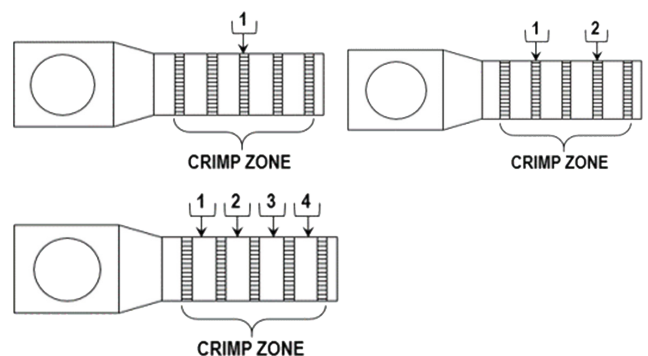
CATALOG NUMBER DESIGNATIONS					
YA8CA-	YA6CA-	YA4CA-	YA2CA-	YA1CA-	YA25A-



CATALOG NUMBER DESIGNATIONS					
YA26A-	YA27A-	YA28A-	YA29A-	YA30A-	YA31A-
YA39AM-	YA40A-	YA44A-	YA45A-	YA46A-	YA48A-



CATALOG NUMBER DESIGNATIONS				
YA32A-	YA34A-	YA36A-	YA39A-	YA42A-



Aluminum / Copper, 2- and 4-Hole Uninsulated Aluminum Terminals

TYPE YA-A HYLUG™

UL Listed 90° C, Up to 35 kV ♦ ♦



AL9CU



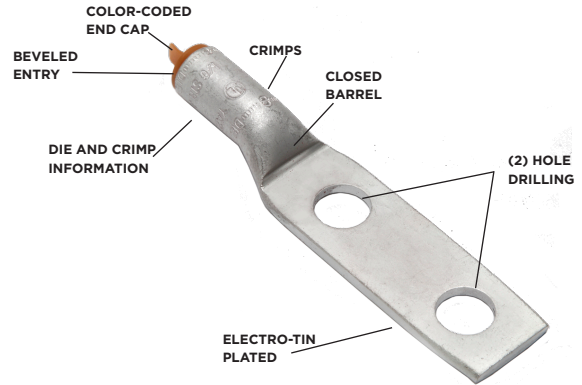
Type YA-A terminals in 2- and 4-hole designs inhibit connector rotation and increase area contact. These aluminum terminals have the same design features and benefits as the 1-hole YA-A with an added stud hole for a more secure termination to various types of equipment pads. They are dual-rated for use on both aluminum and copper conductors.

Features & Benefits

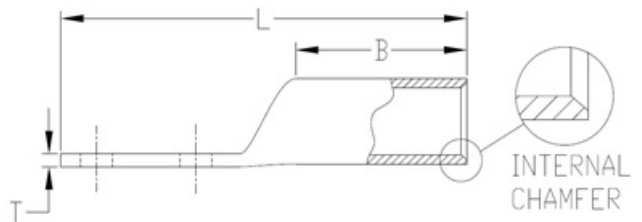
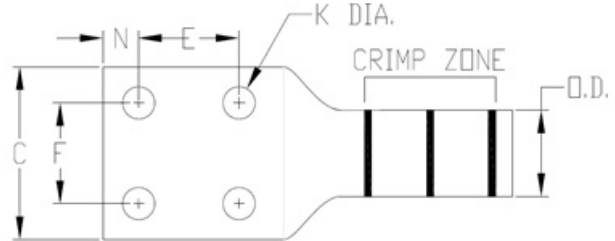
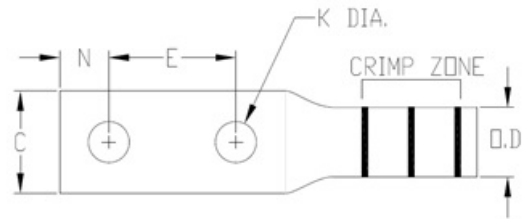
- UL486A-486B Listed and CSA Certified
- Aluminum terminals are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector:
 - AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV
 - AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- 45° and 90° angular lugs are available, please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in a connection; it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Connectors have been tested with expanded wire ranges when installed with specified dieless tools. See Beginning of Section C for Expanded Ranges Tables.
- Conductor Accommodate Types:
 - Aluminum Code Wire: Class B (Concentric, Compressed, Compact)
 - Copper Code Wire: Class B (Concentric, Compressed, Compact) or Class C
 - Copper Clad Aluminum: Noted in the conductor accommodates as CCA

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

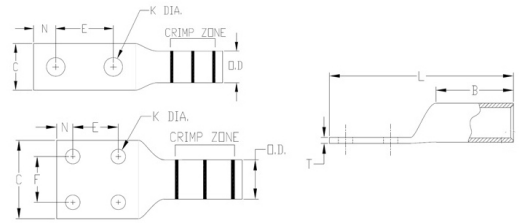


Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Aluminum / Copper, 2- and 4-Hole Uninsulated Aluminum Terminals

TYPE YA-A (Continued)



† Narrow tongue design; may be mounted side-by-side on a 4-hole NEMA pad

• Contact BURNDY® for conductor, stud sizes and hole drillings not shown.

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* AL Conductor Only

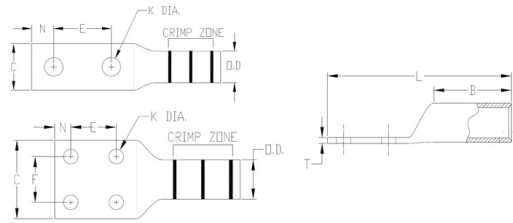
Note: All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	AL / Cu Conductor	Stud Size	Stud Hole Diameter (K)	No. of Holes in Pad	Dimensions								Color Code	Die Index	Wire Strip Length (IN)	Temperature Rating
					Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E)	Hole Spacing (F)	Hole Offset (N)	Pad Thickness (T)				
YA2CA9	2 AWG	1/2	0.56	2	0.53	1.12	0.88	4.73	1.75	—	0.63	0.16	Pink	348	1-1/8	90° C
YA25A7	1/0 AWG	1/2	0.56	2	0.60	1.05	1.03	4.59	1.75	—	0.63	0.17	Tan	296	1-1/16	90° C
YA25A5		3/8	0.44	2	0.60	1.05	0.82	3.73	1.06	—	0.63	0.21				
YA26A3	2/0 AWG	1/2	0.56	2	0.67	1.17	1.03	4.78	1.75	—	0.63	0.20	Olive	297	1-3/8	90° C
YA26A5		3/8	0.44	2	0.67	1.17	0.92	3.56	1.00	—	0.44	0.24				
YA27A7	3/0 AWG	3/8	0.44	2	0.76	1.31	1.04	3.79	1.00	—	0.44	0.26	Ruby	467	1-1/2	90° C
YA27A5		1/2	0.56	2	0.76	1.31	1.04	5.02	1.75	—	0.63	0.26				
YA28A7	4/0 AWG	3/8	0.44	2	0.85	1.39	1.17	3.97	1.00	—	0.44	0.30	White	298	1-5/8	90° C
YA28A5		1/2	0.56	2	0.85	1.39	1.17	5.19	1.75	—	0.63	0.30				
YA29A5	250 kcmil	3/8	0.44	2	0.92	1.45	1.26	4.06	1.00	—	0.44	0.33	Red	324	1-5/8	90° C
YA29A3		1/2	0.56	2	0.92	1.45	1.26	5.28	1.75	—	0.63	0.33				
YA30A5	300 kcmil	3/8	0.44	2	1.01	1.53	1.38	4.42	1.00	—	0.44	0.36	Blue	470	1-3/4	90° C
YA30A3	4/0 AWG CCA DLO (329/22)	1/2	0.56	2	1.01	1.53	1.38	5.64	1.75	—	0.63	0.36				
YA31A5	350 kcmil	3/8	0.44	2	1.11	1.85	1.52	4.85	1.00	—	0.44	0.39	Brown	299	2-1/8	90° C
YA31A3	250 kcmil CCA DLO (399/22)	1/2	0.56	2	1.11	1.85	1.52	6.07	1.75	—	0.63	0.39				
YA32A5	400 kcmil	3/8	0.44	2	1.19	2.26	1.62	4.93	1.00	—	0.44	0.43	Green	472	2	90° C
YA32A3		1/2	0.56	2	1.19	2.26	1.62	6.15	1.75	—	0.63	0.43				
YA34A5	500 kcmil	3/8	0.44	2	1.32	2.34	1.80	5.54	1.00	—	0.44	0.46	Pink	300	2-5/8	90° C
YA34A3 †	350 kcmil CCA DLO (551/22)	1/2	0.56	2	1.32	2.34	1.62	6.80	1.75	—	0.63	0.46				
YA36A5	600 kcmil	3/8	0.44	2	1.44	2.47	1.97	5.64	1.00	—	0.69	0.52	Black	473	2-7/8	90° C
YA36A3 †	500 kcmil CCA DLO (779/22)	1/2	0.56	2	1.44	2.47	1.62	7.09	1.75	—	0.63	0.52				

Aluminum / Copper, 2- and 4-Hole Uninsulated Aluminum Terminals

TYPE YA-A (Continued)



† Narrow tongue design; may be mounted side-by-side on a 4-hole NEMA pad

- Contact BURNDY® for conductor, stud sizes and hole drillings not shown.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- * AL Conductor Only

Note: All dimensions shown are for reference only.

Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	AL / Cu Conductor	Stud Size	Stud Hole Diameter (K)	No. of Holes in Pad	Dimensions								Color Code	Die Index	Wire Strip Length (IN)	Temperature Rating
					Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E)	Hole Spacing (F)	Hole Offset (N)	Pad Thickness (T)				
YA39A7	700 - 750 kcmil	3/8	0.44	2	1.46	2.46	2.05	5.81	1.00	—	0.44	0.43	Yellow	936	2-7/8	90° C
YA39A5 †	900 kcmil Compact AL* 600 kcmil CCA DLO (925/22)	1/2	0.56	2	1.46	2.46	1.62	7.07	1.75	—	0.63	0.43				
YA39AM2	600 kcmil CCA DLO (925/22)	1/2	0.56	2	1.60	2.56	1.69	7.31	1.75	—	0.63	0.57	Red	301	2-7/8	90° C
YA42A7	900 kcmil AL	3/8	0.44	2	1.50	2.46	2.14	5.96	1.00	—	0.44	0.39	Gray	303	2-7/8	90° C
YA42A5		1/2	0.56	2	1.50	2.46	1.62	7.09	1.75	—	0.63	0.39				
YA44A3 †	1000 kcmil 750 kcmil CCA DLO (1194/22) 800 kcmil CCA DLO (1258/22)	1/2	0.56	2	1.84	2.74	1.65	7.76	1.75	—	0.63	0.55	Brown	302	3	90° C
YA44A8		1/2	0.56	2	1.84	2.74	2.50	7.76	1.75	—	0.63	0.66				
YA45A5	1250 kcmil 900 kcmil CCA DLO (1406/22) 1000 kcmil CCA DLO (1554/22)	1/2	0.56	2	1.84	2.74	2.59	7.73	1.75	—	0.63	0.51	Brown	302	3	75° C
YA46A3	1500 kcmil	1/2	0.56	2	2.26	3.30	3.08	8.73	1.75	—	0.63	0.81	Blue	478	2-3/4	75° C
YA46A5		1/2	0.56	4	2.26	3.30	3.08	8.73	1.75	1.75	0.63	0.81				
YA48A3	2000 kcmil	1/2	0.56	2	2.60	3.69	3.57	8.49	1.75	—	0.63	0.90	Red	479	4-1/8	75° C

Type YA-A Installation Tooling Table Aluminum Terminals Mechanical/Ratchet

Catalog Number Type	Wire Size	Wire Strip Length	Color Code and Die Index Number	Mechanical & Ratchet Dies Required (# Crimps)	Mechanical & Ratchet Dedicated Die Tools # Crimps	
	Class B, C Conductor (AL/CU)			MD6 and MD7 Series	MY28 and MY29 Series	MRC840AL
YA8CA-	#8 AWG	5/8	Blue 374	X8CART (2) W374 (1)	1 Crimp	1 Crimp
YA6CA-	#6 AWG	3/4	Gray 346	X6CART (2)	1 Crimp	1 Crimp
			No Color 161	W161 (1)	—	—
YA4CA-	#4 AWG	1	Green 375	X4CART (5)	1 Crimp	2 Crimps
			No Color 162	W162 (3)	—	—
YA2CA-	#2 AWG	1-1/4	Pink 348	X2CART (4)	2 Crimps	2 Crimps
			No Color 163	W163 (3)	—	—
			No Color 239	W239 (2)	—	—
YA1CA-	#1 AWG	1-1/16	Gold 471	X1CART (3)	2 Crimps	2 Crimps
			No Color 163	W163 (3)	—	—
YA25A-	1/0 AWG	1-3/16	Tan 296	X25ART (4)	2 Crimps	2 Crimps
			No Color 241	W241 (2)	—	—
YA26A-	2/0 AWG	1-3/8	Olive 297	X26ART (4) WBG (2)	2 Crimps	3 Crimps
			No Color 245	W245 (3)	—	—
YA27A-	3/0 AWG	1-1/2	Ruby 467	X27ART (4)	2 Crimps	3 Crimps
			No Color 166	W166 (4)	—	—
YA28A-	4/0 AWG	1-5/8	White 298	X28ART (6)	2 Crimps	3 Crimps
			No Color 660	W660 (3)	—	—
YA29A-	250 kcmil	1-5/8	Red 324	—	—	—
YA30A-	300 kcmil	1-3/4	Blue 470	—	—	—
YA31A-	350 kcmil	2-1/8	Brown 299	W31ART (4)	—	—
YA32A-	400 kcmil	2-1/2	Green 472	—	—	—
YA34A-	500 kcmil	2-5/8	Pink 300	—	—	—
YA36A-	600 kcmil	2-7/8	Black 473	—	—	—
YA39A-	700 - 750 kcmil	2-7/8	Yellow 936	—	—	—
YA40A-	800 kcmil	3	Gray 474	—	—	—
YA42A-	900 AL kcmil	2-7/8	Gray 303	—	—	—
YA44A-	1000 kcmil	3-1/8	Brown 302*	—	—	—
YA45A-	1250 kcmil	3-1/8	Brown 302*	—	—	—
YA46A-	1500 kcmil	3-3/4	Blue 478	—	—	—
YA47A-	1750 kcmil	4-3/8	White 587	—	—	—
YA48A-	2000 kcmil	4-1/8	Red 479	—	—	—

*Index 302 recommended for 1.84 O.D. barrel

Aluminum Transformer Lug Kits

TYPE YAAKIT Transformer Lug Kit

Each kit contains the UL Listed and CSA Certified AL9CU rated aluminum compression connectors and tongue mounting hardware needed to terminate aluminum or copper cables in “dry type” transformers. The KVA rating gives an approximate cross reference to the appropriate kit.



Features & Benefits

- UL Listed AL9CU dual rated compression terminals and CSA Certified; ensure the transformer feeders and taps are terminated properly
- Plated steel cap screws and hex nuts with captive conical washers or individual Belleville washers
- Terminal to bus connections are made using proper hardware resulting in true torque to pressure performance, compensates for dissimilar metal expansion and contraction
- Hardware packed in plastic bag; no lost hardware prior to installation
- Conductor Accommodate Types:
 - Aluminum Code Wire: Class B (Concentric, Compressed, Compact)
 - Copper Code Wire: Class B (Concentric, Compressed, Compact or Class C)
 - Copper Clad Aluminum: Noted in the conductor accommodates as CCA



Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Catalog Number	KVA	Terminals		Wire Range with 644 Series	Bolt		Hardware		Washer	
		Qty.	Cat. No.		Qty.	Size	Qty.	Nut	Qty.	Type
YAAKIT1	15-37.5 1Ø	8	YA2C-A5	#6-2 AWG	8	1/4-20 X 3/4	8	1/2 x 20HN	Captive	
	15-45.3 3Ø	4	YA30-A7	2/0 AWG-300 kcmil	8	1/4-20 X 3/4	8	1/2 x 20HN	Captive	
YAAKIT2	50-75 1Ø	12	YA30-A7	2/0 AWG-300 kcmil	8	1/4-20 X 3/4	16	1/4 x 20HN	Captive	
	75-112.5 3Ø	12	YA30-A7	2/0 AWG-300 kcmil	8	1/4-20 X 2	16	1/4 x 20HN	Captive	
YAAKIT3	100-167 1Ø	3	YA30-A7	2/0 AWG-300 kcmil	3	1/4-20 X 3/4	3	1/4 X 20	Captive	
	150-300 3Ø	22	YA39-A1	500-750 kcmil	16	1/2-13 X 2	16	1/2-13	16	1/2" Belleville

HH- Hex Head

HN- Hex Nut

See Mechanical section for set screw terminal kits.

Note: All dimensions shown are for reference only.

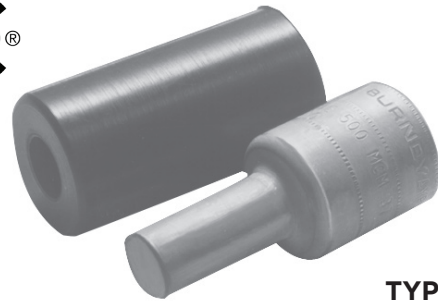
Aluminum Compression HYPLUG™ Adapters

TYPES AYP, AYPO HYPLUG™ Adapters

UL Listed 90° C, Up to 35 kV ♦



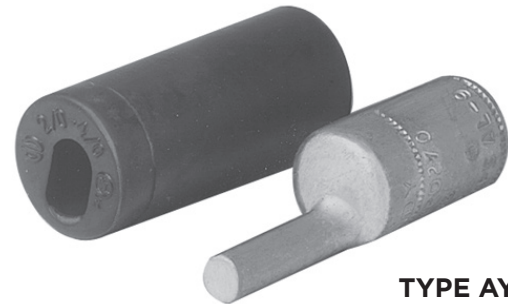
Types AYP and AYPO aluminum compression adapters are designed for reliable termination of aluminum and copper conductor in mechanical connectors. Typical applications include mechanical connectors in molded case circuit breakers, panel board equipment, and meter sockets.



TYPE AYP

Features & Benefits

- Aluminum pin terminals are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector:
 - AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV
 - AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV
- Short pin length design permits easy installation in limited space applications; rated for the full ampacity of the incoming conductor
- Smooth surface on the pin allows for greater contact area and electrical connectivity
- Solid pin design eliminates “how tight is tight” torque requirement problem and eliminates over torquing on stranded pin adapters that can result in damaged strands increasing resistance
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in a connection; it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection
- Covers are supplied with connectors:
 - EPDM rubber covers are UL Listed/CSA Certified and rated up to 600 Volts and 90°C
 - Santoprene rubber covers are also UL Listed/CSA Certified and rated up to 600 Volts and 90°C
- The connector is offered with an in-line pin (Type AYP) and offset pin (Type AYPO) design
- Offset pin design provides added flexibility in limited space applications as the connectors can be rotated preventing wire interference when installing cable side-by-side to a mechanical connector
- Only 5 dies sets are necessary to install the complete line of HYPLUG™ adapters from #6 AWG up to 750 kcmil
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Conductor Accommodate Types:
 - Aluminum Code Wire: Class B (Concentric, Compressed, Compact)
 - Copper Code Wire: Class B (Concentric, Compressed, Compact or Class C)
 - Copper Clad Aluminum: Noted in the conductor accommodates as CCA



TYPE AYPO

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Aluminum Compression HYPLUG™ Adapters

TYPES AYP, AYPO HYPLUG™ Adapters (Continued)

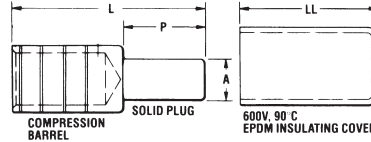
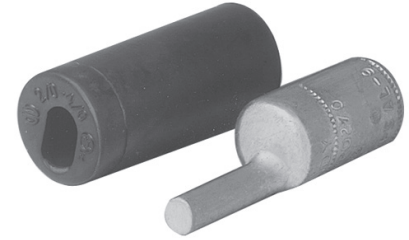
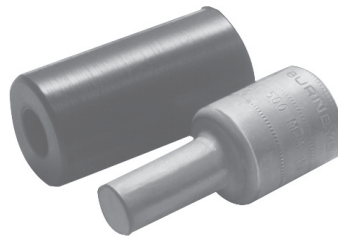


Fig 1: TYPE AYP (Straight)

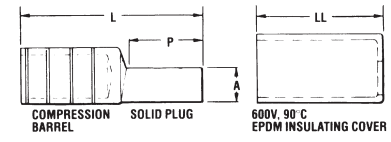


Fig 2: TYPE AYPO (Offset)

Scratch brushing of all conductors before making installation is recommended

▲ See tooling section of this catalog for complete tool and die listings.

** For MY293 use aluminum index plate at 1/0 setting for sizes #6 through 1/0 or at 4/0 setting for sizes 2/0 through 4/0.

+ Not UL Listed with these tools.

* Use PUADP1 adaptor with U dies in 46 Series Tools

■ Also accommodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).

‡ Listed using 444S / 644 Series Tools only.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

▼ For copper equivalent wire size see Section O for Aluminum 1350 Cable Reference

All dimensions shown are for reference only.

• Aluminum wire only for 444S and 644 Series tooling

Catalog Number	AL Class B CU Class B, C	Copper Flex	Fig. No.	Dimensions					Installation Tooling ▲					Wire Strip Length (IN)
				A ▼ Pin Dia.	Pin Size Equiv.	P Pin Length	L Overall Length	LL Cover Length	HYTOOL™		35 & 750, 46* Series		Die Index & Emboss.	
									Dieless Tools (# of crimps)	+ MD6	Die Number (# of crimps)	Color Code		
AYP6	6 AWG•	#8 Class I, DLO	1	0.23	4 AWG	0.68	1.85	2.03	MY293 (2) ** 444 Series (1) 644 Series (1) 81K Series (1)	W241 (2)	U25ART (1)	Tan	296	1-1/16
AYP4	4 AWG	#6 Class I, DLO	1	0.23	4 AWG	0.68	1.85	2.03						
AYP2	2 AWG	#4 Class I, DLO	1	0.23	4 AWG	0.68	1.85	2.03						
AYP1	1 AWG	#2 Class I, DLO	1	0.26	3 AWG	0.84	2.01	2.03						
AYP1/0	1/0 AWG	#1 Class I, DLO	1	0.29	2 AWG	0.84	2.01	2.03						
AYPO2/0	2/0 AWG	1/0 Class I, DLO	2	0.33	1 AWG	1.09	2.70	2.23	MY293 (2) ** 444 Series (1) 644 Series (1) 81K Series (2)	W660 (4)	U28ART (2)	White	298	1-1/8
AYPO3/0	3/0 AWG	2/0 Class I, DLO	2	0.37	1/0 AWG	1.22	2.80	2.23						
AYPO4/0	4/0 AWG	3/0 Class I, DLO	2	0.42	2/0 AWG	1.22	2.80	2.23						
AYP250	250 kcmil	4/0 Class I, K, M, DLO	1	0.47	3/0 AWG	1.16	2.63	2.54	444 Series (1) 644 Series (1) 81K Series (2)	-	U31ART (2)	Brown	299	1-1/8
AYPO250	250 kcmil		2	0.47	3/0 AWG	1.22	2.98	2.54						
AYPO300	300 kcmil	250 kcmil Class I, 262 DLO	2	0.53	4/0 AWG	1.34	3.08	2.54						
AYP350	350 kcmil	313 kcmil DLO	1	0.57	250 kcmil	1.34	2.75	2.54						
AYPO350	350 kcmil		2	0.57	250 kcmil	1.34	3.08	2.54						
AYPO400	400 kcmil	-	2	0.63	300 kcmil	1.60	3.43	2.81						
AYP500	500 kcmil	373 kcmil Class I, 373 DLO	1	0.68	350 kcmil	1.60	3.08	2.81						
AYPO500	500 kcmil		2	0.68	350 kcmil	1.60	3.43	2.81						
AYPO600	600 kcmil	444 kcmil DLO	2	0.73	400 kcmil	1.64	4.02	3.69						
AYP750	700 - 750 kcmil 1900 kcmil Compact AL	535 kcmil DLO	1	0.81	500 kcmil	1.76	3.79	3.69						
AYPO750			2	0.81	500 kcmil	1.76	4.16	3.69						
AYP900	900 kcmil AL	-	1	0.91	650 kcmil	1.82	4.10	4.20						
AYPO900		-	2	0.91	650 kcmil	1.82	4.16	4.20						
AYPO1000	1000 kcmil	777 kcmil DLO	2	0.81	500 kcmil	1.76	4.17	-	444 Series (1) Y644MBH only (1)	-	-	-	-	1-3/4

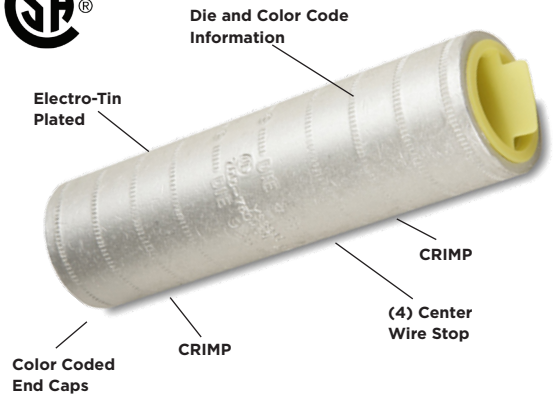
Aluminum / Copper Compression HYLINK™ Aluminum Splices

TYPE YS-A HYLINK™ Aluminum Splices

UL Listed 90° C, Up to 35 kV ♦

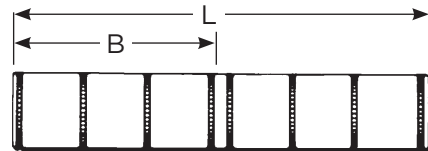
Type YS-A is a high conductivity aluminum tin-plated compression butt splice for use on all combinations of aluminum to aluminum, aluminum to copper, and copper to copper conductor combinations.

They are designed to accommodate conductors from #12 stranded through 1000 kcmil in standard and heavy duty applications. Prefilled with PENETROX™ oxide inhibiting compounds and assembled with color-coded end caps, the connectors provide a permanent trouble-free electrical splice with flexibility and low installed cost.



Features & Benefits

- Aluminum splices are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector:
 - AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV
 - AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in a connection; it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Conductor Accommodate Types:
 - Aluminum Code Wire: Class B (Concentric, Compressed, Compact)
 - Copper Code Wire: Class B (Concentric, Compressed, Compact or Class C)
 - Copper Clad Aluminum: Noted in the conductor accommodates as CCA

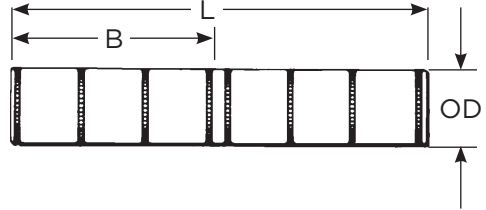


Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

Aluminum / Copper Compression HYLINK™ Aluminum Splices

TYPE YS-A (Continued)



- ▲ See tooling section of this catalog for complete tool and die listing.
- ‡ UL Listed for Aluminum only. Not CSA Certified.
- + Tested with Y644HSXT and PAT644XT-18V dieless tools only and not UL Listed with any tool on 900 Compact Al.
- * Use PUADP1 adaptor with U dies in 46 Series.
- The largest size for the 35 Series is 400 kcmil.
- ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.
- Also accommodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).
- ^^ 75°C Rated
- **P-RT dies for use in 46 Series tools only.
- ***L dies for use with 60 Ton HYPRESS™ only
- Note: All dimensions shown are for reference only.

Catalog Number	Code • Conductor	Dimensions		Installation Tooling ▲					Wire Strip Length (IN)
				Dieless (# of crimps/end)		35 ■ , 750, 46* Series		Die Index #	
		B	L	Mechanical	Hydraulic	Die Number (# of crimps per end)	Color Code		
YS12AG1	12 AWG	0.45	1.03	Ratchet: MR827 (1)	–	–	–	–	5/8
YS10WAG1	10 Sol.	0.50	1.12		–	–	–	–	–
YS8CA1	8 AWG	0.59	1.44	MY293 (1) MRC840AL (1)	644 Series (1) 81K Series (1)	U8CABT (1)	Blue	374	5/8
YS6CA1	6 AWG	0.72	1.70			U6CABT (1)	Gray	346	3/4
YS4CA1	4 AWG	0.86	1.97	MY293 (1) MRC840AL (2)	644 Series (1) 81K Series (2)	U4CABT (1)	Green	375	7/8
YS2CA1	2 AWG	1.09	2.44			U2CABT (1)	Pink	348	1-1/8
YS1CA1	1 AWG	0.90	2.05	MY293 (2) MRC840AL (3)	644 Series (1) 81K Series (2)	U1CART (1)	Gold	471	15/16
YS25A1	1/0 AWG	1.06	2.37			U25ART (1)	Tan	296	1-1/16
YS26A1	2/0 AWG	1.18	2.61	MY293 (2) MRC840AL (3)	644 Series (1) 81K Series (2)	U26ART (2)	Olive	297	1-3/8
YS27A1	3/0 AWG	1.31	2.88			U27ART (2)	Ruby	467	1-1/2
YS28A1	4/0 AWG	1.40	3.06	MY293 (2) MRC840AL (3)	644 Series (1) 81K Series (2)	U28ART (2)	White	298	1-5/8
YS29A1	250kcmil	1.46	3.18			U29ART (2)	Red	324	1-5/8
YS30A1	300 kcmil	1.47	3.20	–	644 Series (1) 81K Series (2)	U30ART (2)	Blue	470	1-3/4
YS31A1	350 kcmil	1.89	4.04	–	644 Series (1) 81K Series (2)	U31ART (2)	Brown	299	2-1/8
YS32A1	400kcmil	2.30	4.86	–	644 Series (1) 81K Series (4)	U32ART (2)	Green	472	2-1/2
YS34A1	500 kcmil	2.38	5.02			U34ART (2)	Pink	300	2-5/8
YS36A1	600 kcmil	2.44	5.14	–	644 Series (1) 81K Series (4)	U36ART (4)	Black	473	2-7/8
YS39A1	700 kcmil 750 kcmil +900 Compact Al	2.50	5.26			U39ART2 (4)	Yellow	936	2-7/8
YS39AM1	700 kcmil 750 kcmil +900 Compact Al	2.63	5.58	–	644 Series (1) 81K Series (4)	P39ART** (4)	Red	301	2-7/8
YS42A1	600 - 900 kcmil	2.50	5.26	–	644 Series (2)	U42ART (4)	Gray	303	2-7/8
YS44A1	1000 kcmil	2.84	5.94	–	–	P44ART** (4)	Brown	302	3
YS45A1^^	1250 kcmil	2.84	6.21	–	–	P48PRI/ L44ART** (6)	Brown	302	2-7/8
YS46A1^^	1500 kcmil	3.40	7.05	–	–	L46ART*** (2)	Blue	478	3-7/8
YS47A1^^	1750 kcmil	3.99	8.31	–	–	L47ART*** (2)	White	587	4
YS48A1^^	2000 kcmil	3.66	7.58	–	–	L48ART*** (2)	Red	479	3-5/8
YS483A1^^	2250 kcmil ALUMINUM ONLY	3.66	7.58	–	–	L48ART*** (2)	Red	479	3-5/8

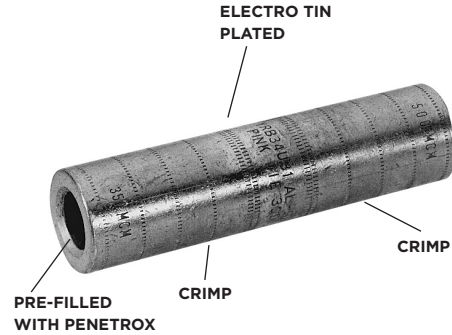
Aluminum / Copper HYREDUCER™ Aluminum Reducing Splices

TYPE YRB HYREDUCER™ Aluminum Reducing Splice

UL Listed 90° C, Up to 35 kV ♦

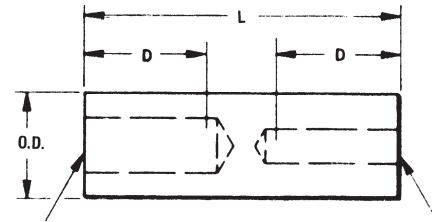


HYREDUCER™ Type YRB reducer butt splices are designed to splice two different conductor sizes and is UL Listed for aluminum to copper and aluminum to aluminum applications. The outside diameter is held constant to minimize installation dies and is factory prefilled with PENETROX™ oxide inhibitor.



Features & Benefits

- Aluminum splice reducers are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector:
 - AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV
 - AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV
- Barrel features an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps are factory inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel



- The barrels are designed to accommodate larger run conductor and smaller tap conductor so the inside diameters on each end of the barrel are different but the outside diameter is held constant minimizing number of installation dies necessary
- Aluminum oxidation is not easily detected but causes resistance in a connection; it is imperative the proper preparation takes place prior to making an aluminum-to-aluminum connection
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

Catalog Number	Conductor Range • Aluminum or Copper Size †		Dimensions			Installation Tooling ▲ Hydraulic Tools, Die Sets (No. of Crimps ‡)				Wire Strip Length (IN)
	Barrel A	Barrel B	O.D.	D	L	35 ■, 750, 46* Series	‡	Die Index	Color Code	
YRB2U4	1 AWG 2 AWG	4 AWG 3 AWG	0.65	0.88	2.00	U25ART	1	296	Tan	15/16
YRB25U2	1/0 AWG	1 AWG 2 AWG	0.65	0.88	2.00	U25ART	1	296	Tan	15/16
YRB27U25	3/0 AWG	1/0 AWG	0.85	1.36	3.31	U28ART	2	298	White	1-7/16
YRB27U26	3/0 AWG	2/0 AWG	0.85	1.36	3.31	U28ART	2	298	White	1-7/16
YRB28U26	4/0 AWG	2/0 AWG	0.85	1.36	3.31	U28ART	2	298	White	1-7/16
YRB29U28	250 kcmil	4/0 AWG	1.11	1.73	4.21	U31ART	2	299	Brown	1-13/16
YRB31U28	350 kcmil	4/0 AWG	1.11	1.73	4.21	U31ART	2	299	Brown	1-13/16
YRB31U29	350 kcmil	250 kcmil	1.11	1.73	4.21	U31ART	2	299	Brown	1-13/16
YRB34U31	500 kcmil	350 kcmil	1.31	2.11	5.12	U34ART	4	300	Pink	2-3/16
YRB36U31	600 kcmil	350 kcmil	1.46	2.25	5.57	U39ART2	4	936	Yellow	2-5/16
YRB36U34	600 kcmil	500 kcmil	1.46	2.25	5.57	U39ART2	4	936	Yellow	2-5/16
YRB39U34	700/750 kcmil • 900 Compact AL ▼	500 kcmil	1.46	2.25	5.57	U39ART2	4	936	Yellow	2-5/16
YRB39U36	700/750 kcmil • 900 Compact AL ▼	600 kcmil	1.46	2.25	5.57	U39ART2	4	936	Yellow	2-5/16

† Contact BURNDY for conductor sizes not shown

▲ See tooling section of this catalog for complete tool and die listing

‡ Number of crimps

* Use PUADP1 adaptor with U dies in 46 Series

■ The largest size for the 35 Series is 400 kcmil

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

• Also accommodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel)

▼ Tested with Y644HSXT and PAT644XT-18V dieless tools only and not UL Listed with any tool on 900 Compact AL

Note: All dimensions shown are for reference only.

Aluminum Compression Tin Plated Aluminum H-Tap

TYPES YFD, YFN, YFO, YFR H-CRIMPIT™ Aluminum Compression Tap Connector

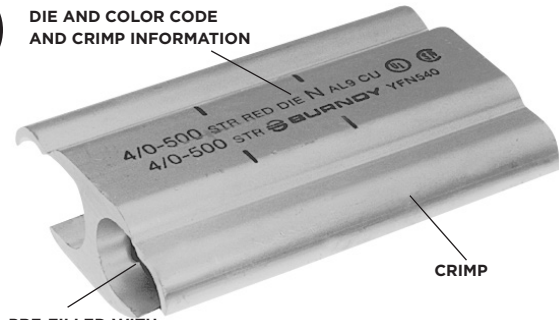


UL Listed 90° C, Up to 35 kV ◆

H-CRIMPIT™ compression tap connectors Types YFD, YFN, YFO, and YFR are for use with aluminum to aluminum and aluminum to copper connections.

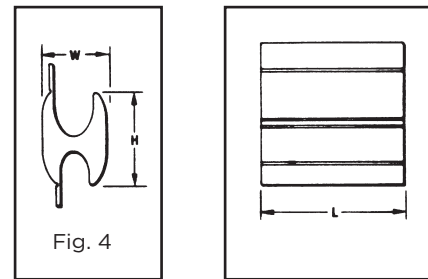
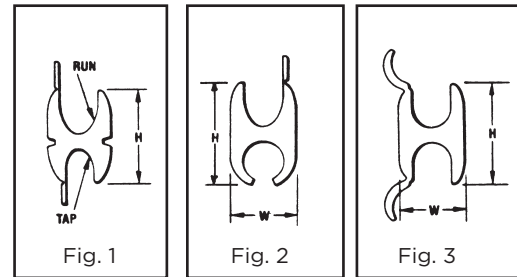
The H-CRIMPIT™ taps are ideal for making both parallel and tap compression connections in risers and gutters. It should only be installed with hydraulic tools.

DIE AND COLOR CODE AND CRIMP INFORMATION



Features & Benefits

- Aluminum H Taps are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector:
 - AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV
 - AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV
- Each connector is factory sealed in polyethylene to ensure connector is delivered free of foreign materials prior to being installed
- Post crimp, the connector is easy to tape
- Connectors are clearly marked
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Aluminum oxidation is not easily detected but causes resistance in a connection so it is imperative that the proper preparation takes place prior to making an aluminum-to-aluminum connection
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing



▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

* CSA Listed

Note: All dimensions shown are for reference only.

① Material: Aluminum.

② For Conductor combinations of AL to AL or AL to CU.

③ Catalog Number PUADPI adaptor is required to use U type dies in 46 series tools; do not use UYFN die set with PUADPI; use PYFN only.

④ Other conductors not listed in table can be accommodated as long as the conductor diameter falls within diameter range specified.

Accommodates ②						Catalog Number	Fig. #	H	L	W	Installation Tooling ▲					Wire Strip Length (IN)
Copper or Aluminum		Compact ④		Dia. Range							Die Index	Color Code	Hydraulic Tools, Die Sets (No. of Crimps)			
Run	Tap	Run	Tap	Run	Tap								750, 35 Series	46 ③ Series	()	
1/0-6 AWG	1-6 AWG	2/0-6	1-6 Str	.398-.162	.332-.162	YFO140	1	1.15	1.62	0.70	0	Green	UYFO, UO	UYFO, UO	(2)	1-7/8
4/0-1 AWG	2/0-1 AWG	250-1/0	3/0-1/0	.563-.338	.477-.338	YFD365	1	1.42	2.50	0.89	D3	Blue	UD3 UYFD	UD3 UYFD	(3)	2-3/4
500-4/0	500-4/0	500-250	500-250	.815-.522	.815-.522	YFN540	3	1.82	4.50	1.23	N	Red	UN UYFN	PN PYFN	(3)	4-7/8
900-600	600-350	900-700	600-400	1.108-.877	.893-.659	YFR865	4	3.04	4.62	1.74	KR	Yellow	—	PKR PYFR	(4)	5

Battery Terminals Straight Style Post

TYPE YAEBA-S Straight Style Battery Post Terminals

#6 - 4/0 AWG Solid and Stranded Copper

BURNDY straight style battery post terminals are made from pure copper alloy and tin plated to prevent corrosion. They adhere to SAE, JIS, and DIN stud standards. Typical applications are automotive, marine, transportation, petrochemical, and OEM markets.



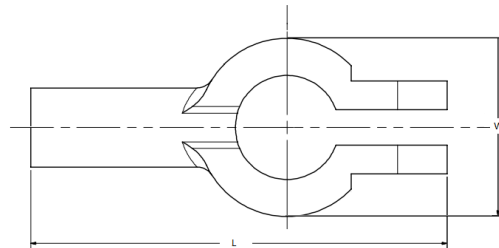
Features & Benefits

Barrel:

- Color coded for easy identification
- Chamfered end
- Made of copper alloy, tin plated for corrosion resistance and RoHS compliance
- Supplied standard with stainless steel hardware installed

Post:

- Clamp color coded by polarity; red is positive, black is negative
- Not UL Listed but tested and met UL486A-486B pullout requirements



Catalog Number	Bulk Catalog Number	Wire Range	Dimensions		Conn. Color Code	Installation Tooling			Color Code Die	Die Index	Strip Length (IN)
			L	W		MD6, MD734R, 500, 600 Series	35, 750 Series	Dieless (# Crimps)			
YAEBAS6CNTN	YAEBAS6CNTNOEM	6	2.30	0.98	Blue	W5CVT (1)	U5CRT (1)	81K Series (1) 4PC Series (1) 644 Series (1) MY2911 (1) MRC840 (1)	Blue	7	1-3/32
YAEBAS6CPTN	YAEBAS6CPTNOEM			1.02		W5CRT (1)					
YAEBAS4CNTN	YAEBAS4CNTNOEM	4		0.98	Gray	W4CVT (1)	U4CRT (1)		Brown	10	
YAEBAS4CPTN	YAEBAS4CPTNOEM			1.02		W4CRT (1)					
YAEBAS2CNTN	YAEBAS2CNTNOEM	2		0.98	Green	W2CVT (1)	U2CRT (1)		Green	11	
YAEBAS2CPTN	YAEBAS2CPTNOEM			1.02		W2CRT (1)					
YAEBAS1CNTN	YAEBAS1CNTNOEM	1		0.98	Pink	W1CVT (1)	U1CRT (1)		Pink	12	
YAEBAS1CPTN	YAEBAS1CPTNOEM			1.02		W1CRT1 (1)					
YAEBAS25NTN	YAEBAS25NTNOEM	1/0		0.98	Black	W25VT (1)	U25RT (1)		Black	13	
YAEBAS25PTN	YAEBAS25PTNOEM			1.02		W25RT (1)					
YAEBAS26NTN	YAEBAS26NTNOEM	2/0		0.98	Orange	W26VT (1)	U26RT (1)		Orange	14	
YAEBAS26PTN	YAEBAS26PTNOEM			1.02		W26RT (1)					
YAEBAS27NTN	YAEBAS27NTNOEM	3/0	0.98	Purple	W27VT (1)	U27RT (1)	Purple	15			
YAEBAS27PTN	YAEBAS27PTNOEM		1.02		W27RT (1)						
YAEBAS28NTN	YAEBAS28NTNOEM	4/0	0.98	Yellow	W28VT (1)	U28RT (1)	Purple	15			
YAEBAS28PTN	YAEBAS28PTNOEM		1.02		W28RT (1)						

Battery Terminals T-Style Post

TYPE YAEBA-F T-Style Battery Post Terminals

#2 - 4/0 AWG Solid and Stranded Copper

BURNDY T-Style battery post terminals are made from pure copper alloy and tin plated to prevent corrosion. They adhere to SAE, JIS, and DIN stud standards. Typical applications are automotive, marine, transportation, petrochemical, and OEM markets.



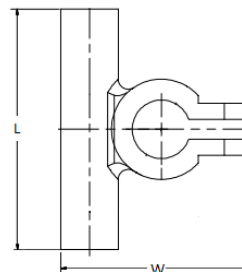
Features & Benefits

Barrel:

- Color coded for easy identification
- Chamfered end
- Made of copper alloy, tin plated for corrosion resistance and RoHS compliance
- Supplied standard with stainless steel hardware installed

Post:

- Clamp color coded by polarity; red is positive, black is negative
- Not UL Listed but tested and met UL486A-486B pullout requirements



Catalog Number	Bulk Catalog Number	Wire Range	Dimensions		Conn. Color Code	Installation Tooling			Die Color Code	Die Index	Strip Length (IN)	
			L	W		MD6, MD734R, 500, 600 Series	35, 750 Series	Dieless (# Crimps)				
YAEBAF2CNTN	YAEBAF2CNTNOEM	2	2.36	1.89	Green	W2CVT (1)	U2CRT (1)	MY2911 (1) MRC840 (1)	Brown	10	1-9/32	
YAEBAF2CPTN	YAEBAF2CPTNOEM					W2CRT (1)						
YAEBAF1CNTN	YAEBAF1CNTNOEM	1			1.97	Pink	W1CVT (1)	U1CRT1 (1)	MY2911 (1) MRC840 (2)	Green		11
YAEBAF1CPTN	YAEBAF1CPTNOEM						W1CRT1 (1)					
YAEBAF25NTN	YAEBAF25NTNOEM	1/0			1.97	Black	W25VT (1)	U25RT (1)	MY2911 (1) MRC840 (2)	Pink		12
YAEBAF25PTN	YAEBAF25PTNOEM						W25RT (1)					
YAEBAF26NTN	YAEBAF26NTNOEM	2/0	1.97	Orange	W26VT (1)	U26RT (1)	MY2911 (1) MRC840 (2)	Black	13			
YAEBAF26PTN	YAEBAF26PTNOEM				W26RT (1)							
YAEBAF27NTN	YAEBAF27NTNOEM	3/0	1.97	Purple	W27VT (1)	U27RT (1)	MY2911 (1) MRC840 (2)	Orange	14			
YAEBAF27PTN	YAEBAF27PTNOEM				W27RT (1)							
YAEBAF28NTN	YAEBAF28NTNOEM	4/0	1.97	Yellow	W28VT (1)	U28RT (1)	MY2911 (1) MRC840 (2)	Purple	15			
YAEBAF28PTN	YAEBAF28PTNOEM				W28RT (1)							

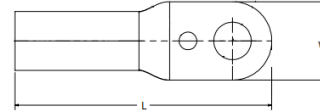
Battery Terminals 1-Hole Grounding / Starter Lugs

TYPE YAGB One Hole Battery Grounding / Starter Lugs

#6 - 4/0 AWG Solid and Stranded Copper

Features & Benefits

- Color coded for easy identification
- Chamfered end
- Made of copper alloy, tin plated for corrosion resistance and RoHS compliance
- Not UL Listed but tested and met UL486A-486B pullout requirements



Catalog Number	Bulk Catalog Number	Wire Range	Stud Size	Dimensions		Conn. Color Code	Installation Tooling			Color Code (Die)	Die Index	Strip Length (IN)
				L	W		MD6, MD734R, 500, 600 Series	35, 750 Series	Dieless (# Crimps)			
YAGB6CLTC10FX	YAGB6CLTC10FXOEM	6	#10	1.46	0.44	Blue	W5CVT (1) W5CRT (1)	U5CRT (1)	81K Series (1) 4PC Series (1) MY2911 (1) MRC840 (1)	Blue	7	7/8
YAGB6CLTC14FX	YAGB6CLTC14FXOEM		1/4									
YAGB6CLTC516FX	YAGB6CLTC516FXOEM		5/16	1.61	0.60							
YAGB6CLTC38FX	YAGB6CLTC38FXOEM		3/8									
YAGB6CLTC12FX	YAGB6CLTC12FXOEM		1/2	1.73	0.74							
YAGB4CLTC10FX	YAGB4CLTC10FXOEM	4	#10	1.97	0.75	Gray	W4CVT (1) W4CRT (1)	U4CRT (1)	81K Series (1) 4PC Series (1) 644 Series (1) MY2911 (1) MRC840 (1)	Gray	6	15/16
YAGB4CLTC14FX	YAGB4CLTC14FXOEM		1/4									
YAGB4CLTC516FX	YAGB4CLTC516FXOEM		5/16									
YAGB4CLTC38FX	YAGB4CLTC38FXOEM		3/8									
YAGB4CLTC12FX	YAGB4CLTC12FXOEM		1/2									
YAGB2CLTC10FX	YAGB2CLTC10FXOEM	2	#10	2.09	0.81	Green	W2CVT (1) W2CRT (1)	U2CRT (1)	81K Series (1) 4PC Series (1) 644 Series (1) MY2911 (1) MRC840 (1)	Brown	10	15/16
YAGB2CLTC14FX	YAGB2CLTC14FXOEM		1/4									
YAGB2CLTC516FX	YAGB2CLTC516FXOEM		5/16									
YAGB2CLTC38FX	YAGB2CLTC38FXOEM		3/8									
YAGB2CLTC12FX	YAGB2CLTC12FXOEM		1/2									
YAGB25LTC14FX	YAGB25LTC14FXOEM	1/0	1/4	2.40	0.87	Black	W25VT (1) W25RT (1)	U25RT (1)	81K Series (1) 4PC Series (1) 644 Series (1) MY2911 (1) MRC840 (2)	Pink	12	1-3/16
YAGB25LTC516FX	YAGB25LTC516FXOEM		5/16									
YAGB25LTC38FX	YAGB25LTC38FXOEM		3/8									
YAGB25LTC12FX	YAGB25LTC12FXOEM		1/2									
YAGB26LTC14FX	YAGB26LTC14FXOEM	2/0	1/4	2.44	0.91	Orange	W26VT (1) W26RT (1)	U26RT (1)	81K Series (1) 4PC Series (1) 644 Series (1) MY2911 (1) MRC840 (2)	Black	13	1-3/16
YAGB26LTC516FX	YAGB26LTC516FXOEM		5/16									
YAGB26LTC38FX	YAGB26LTC38FXOEM		3/8									
YAGB26LTC12FX	YAGB26LTC12FXOEM		1/2									
YAGB28LTC14FX	YAGB28LTC14FXOEM	4/0	1/4	2.56	1.10	Yellow	W28VT (1) W28RT (1)	U28RT (1)	81K Series (1) 4PC Series (1) 644 Series (1) MY2911 (1) MRC840 (2)	Purple	15	1-3/16
YAGB28LTC516FX	YAGB28LTC516FXOEM		5/16									
YAGB28LTC38FX	YAGB28LTC38FXOEM		3/8									
YAGB28LTC12FX	YAGB28LTC12FXOEM		1/2									

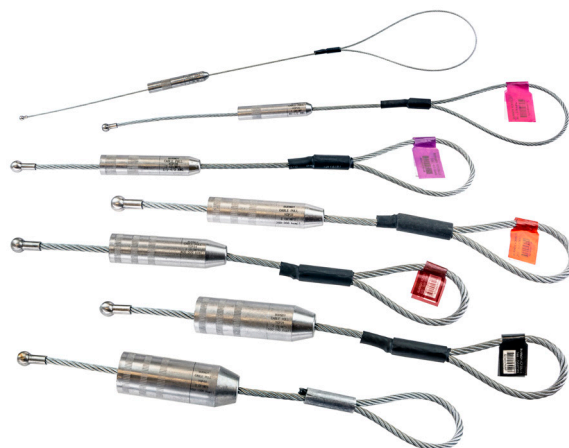
Compression Cable Pulling Heads Type YCP-L

TYPE YCP-L Compression Cable Pulling Heads

Before using this product, it is required to read, understand, and comply with the Safety Operation Maintenance & Installation manual provided with the product.

Features & Benefits

- Range-taking; only 7 compression pulling heads are required to pull #8 AWG through 1000 kcmil wire
- Accommodates:
 - Copper Class B (Concentric, Compressed, Compact) or Class C wire
 - Aluminum Class B (Concentric, Compressed, Compact)
- Easy to install with the 644 or 444S Series of dieless installation tools (PAT644 / Y644 or PAT444S)
- Parallel installation; each of the 7 compression pulling heads come in multiple lanyard lengths for staggering when pulling multiple wires
- Knurl crimp bands on the compression pulling head barrels clearly indicate the crimp zone location
- Each lanyard has a protective sleeve for comfort and safety
- A UPC tag is affixed to each part for ease of identification and ordering



PAT644 Series



PAT444S Series

Please Note: Sold packaged in quantities of 6 pieces; must order in multiples of 6.

Catalog Number	Barrel OD (in)	Wire Range (Cu & AL)	Lanyard Length (in)	Maximum Rated Pull Load per Cable (lbs)				Minimum Wire Strip Length (in)
				Wire Size	Copper (Concentric, Compress, Compact) Wire	Aluminum (Concentric, Compress, Compact) Wire	Dieless Installation Tooling (# of Crimps)	
YCP4CL13CTN	0.38	#8 - #4 AWG	13"	#8 AWG #6 AWG #4 AWG	130 210 300	130 210 300	644 Series 444S Series (1)	1.38"
YCP4CL20CTN			20"					
YCP4CL27CTN			27"					
YCP4CL34CTN			34"					
YCP25L13CTN	.51"	#4 - 1/0 AWG	13"	#4 AWG #3 AWG #2 AWG #1 AWG 1/0 AWG	300 400 500 1,200 1,200	300 400 400 400 400	644 Series 444S Series (1)	2.50"
YCP25L20CTN			20"					
YCP25L27CTN			27"					
YCP25L34CTN			34"					
YCP25L41CTN			41"					
YCP28L13CTN	.69"	2/0 AWG 3/0 AWG 4/0 AWG	13"	2/0 AWG 3/0 AWG 4/0 AWG	1,200 2,000 2,000	400 750 1,000	644 Series 444S Series (2)	3.00"
YCP28L20CTN			20"					
YCP28L27CTN			27"					
YCP28L34CTN			34"					
YCP28L41CTN			41"					
YCP31L13CTN	.88"	250 kcmil 300 kcmil 350 kcmil	13"	250 kcmil 300 kcmil 350 kcmil	2,000 4,000 4,000	1,200 1,500 1,800	644 Series 444S Series (3)	3.25"
YCP31L20CTN			20"					
YCP31L27CTN			27"					
YCP31L34CTN			34"					
YCP31L41CTN			41"					

Compression Cable Pulling Heads Type YCP-L

TYPE YCP-L (Continued)



Catalog Number	Barrel OD (in)	Wire Range (Cu & AL)	Lanyard Length (in)	Maximum Rated Pull Load per Cable (lbs)				Minimum Wire Strip Length (in)
				Wire Size	Copper (Concentric, Compress, Compact) Wire	Aluminum (Concentric, Compress, Compact) Wire	Dieless Installation Tooling (# of Crimps)	
YCP34L13CTN	1.06"	400 kcmil 450 kcmil 500 kcmil	13"	400 kcmil 450 kcmil 500 kcmil	4,000 5,000 5,000	2,000 2,400 2,700	644 Series 444S Series (3)	3.25"
YCP34L20CTN			20"					
YCP34L27CTN			27"					
YCP34L34CTN			34"					
YCP34L41CTN			41"					
YCP39L13CTN	1.30"	550 kcmil 600 kcmil 650 kcmil 700 kcmil 750 kcmil	13"	550 kcmil 600 kcmil 650 kcmil 700 kcmil 750 kcmil	5,000 5,000 5,000 5,000 5,000	3,600 3,600 3,600 3,600 3,600	644 Series 444S Series (3)	3.25"
YCP39L20CTN			20"					
YCP39L27CTN			27"					
YCP39L34CTN			34"					
YCP39L41CTN			41"					
YCP44L13CTN	1.50"	800 kcmil 900 kcmil 1000 kcmil	13"	800 kcmil 900 kcmil 1000 kcmil	5,000 5,000 5,000	3,600 3,600 5,000	644 Series 444S Series (3)	3.25"
YCP44L20CTN			20"					
YCP44L27CTN			27"					
YCP44L34CTN			34"					
YCP44L41CTN			41"					

Installation Table using 750 or 46 Series Tooling



Catalog Number **	Barrel OD (in)	Wire Range (Cu & AL)	Maximum Rated Pull Load per Cable (lbs)					Minimum Wire Strip Length (in)
			Wire Size	Copper (Concentric / Compress) Wire	Copper Compact Wire	Aluminum (Concentric, Compress, Compact) Wire	750 & 46 [†] Series Installation Tooling (# of Crimps)	
YCP25L**CTN	.51"	1/0 AWG	1/0 AWG	1,200	550	400	U25RT (1)	2.50"
YCP28L**CTN	.69"	4/0 AWG	4/0 AWG	2,000	1,000	1,000	U28RT (2)	3.00"
YCP31L**CTN	.88"	350 kcmil	350 kcmil	4,000	1,400	1,800	U31RT (3)	3.25"
YCP34L**CTN	1.06"	500 kcmil	500 kcmil	5,000	2,200	2,700	U34RT (3)	3.25"
YCP39L**CTN	1.30"	750 kcmil	750 kcmil	5,000	2,200	3,600	U39RT (3)	3.25"
YCP44L**CTN	1.50"	1000 kcmil	1000 kcmil	5,000	2,200	5,000	U44XRT (3)	3.25"

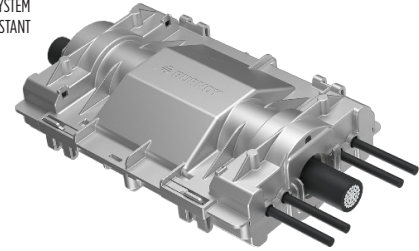
** Lanyard length needs to be added for complete catalog number. Example: YCP34L13 is 13" Lanyard Length.

[†]46 Series requires PUADPI adapter to use U dies.

Aluminum Insulation Piercing Compression Connector

TYPE YIPC H-Tap Aluminum HYPIERCE CRIMPIT™

UL Listed sealed wire connector product family designed to deliver value while meeting the required solar electrical, mechanical, and environmental performance standards.



Features & Benefits

Connector & Cover Assembly:

- Product is sold as a kit: connector, cover, and installation instructions
- UL Listed Sealed Wire Connector System with Raintight Rating and Sunlight Resistance. Category ZMWQ tested in accordance with UL 486D
- Voltage Rating: 1.5 kV
- Dead-end 2kV Cold Shrink End Cap for Main/Run conductor is sold separately, to use in dead-end application, see next pages for more information

CAUTION: BURNDY certifies and ONLY warrants the use of this product with the BURNDY Engineered System

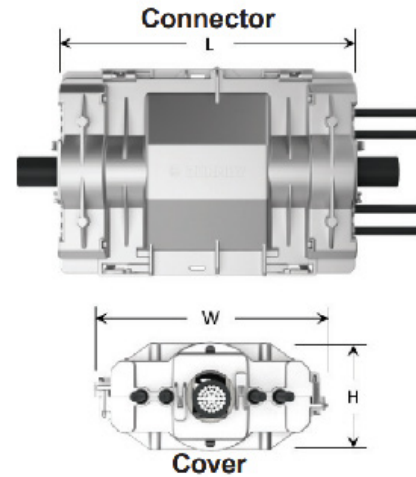
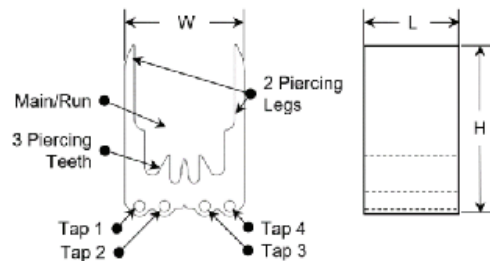
Connector:

- Uninsulated tin-plated aluminum compression insulation piercing connector
- Compliant with UL 486A-486B
- Piercing Features: Main / Run groove has three (3) insulation piercing teeth and two (2) insulation piercing legs to maintain connectivity and thermal stability
- Main / Run Wire Accommodates: Intended to be used with compact stranded aluminum PV cable, rated 2 kV and 90°C. Tap wires cannot be used in combination. *Example:* Using 8 AWG tap wire, all four tap wires must be 8 AWG. See table below for Insulation OD range.
- Installers are required to use one (1) to four (4) tap wire ports per crimp. Unused ports can be left empty
- Tap wire requires stripping (see next pages for information on RIPLEY® Collar and Stripping Bushings - sold separately)

Cover:

- Two-piece insulation cover allowing wires to enter and exit from both sides
- Snaps together with eight (8) locking features that require a tool to open, deterring continuously opening and closing the cover
- One time use cover. Any warranty is void if cover is reused. If cover removal is necessary, a new cover is required.
- Voltage Rating: 1.5 kV
- Polycarbonate material: UL 94 V-0 flame rating and sunlight / UV resistant
- Main/Run and Tap wire alignment guides ensure wires seat in the gel properly
- Strain relief locking arms provide stress and tension relief at the connection and help constrain assembly during installation
- Connector placement guide for proper seating of connector
- Full perimeter raintight gel-seal when covers are mated
- Tap wires may be used in reverse direction inside the cover. If you intend to use this feature, installers are required to use the other two (2) tap ports of the connector

Connector & Cover Assembly:



Wire Stripping Tool: *Tap Wires

- RIPLEY® Collar and Stripping Bushings - sold separately (see next pages for more information)

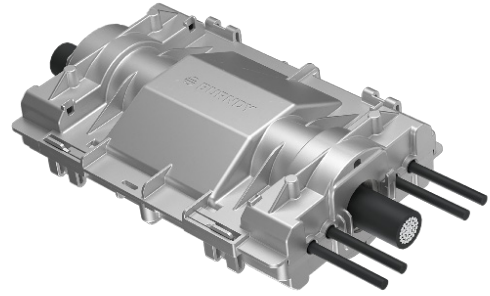
Catalog Number	Wire Accommodates								Connector			Cover		
	Run Conductor (AL)		Tap Conductor (CU)					Wire Strip Length	Height (H)	Width (W)	Length (L)	Height (H)	Width (W)	Length (L)
	Insul. OD Range	Cond. Size	Insul. OD Range	Tap 1	Tap 2	Tap 3	Tap 4							
YIPC348CWC	0.96-1.00"	500 kcmil	.23-.33"	10-8 AWG	10-8 AWG	10-8 AWG	10-8 AWG	1-1/4"	2.15"	1.50"	1.00"	2.95"	6.56"	9.70"
YIPC368CWC	1.06-1.11"	600 kcmil	.23-.33"	10-8 AWG	10-8 AWG	10-8 AWG	10-8 AWG	1-1/4"	2.30"	1.50"	1.00"	2.95"	6.56"	9.70"
YIPC398CWC	1.16-1.20"	750 kcmil	.23-.33"	10-8 AWG	10-8 AWG	10-8 AWG	10-8 AWG	1-1/4"	2.45"	1.50"	1.00"	2.95"	6.56"	9.70"

Aluminum Insulation Piercing Compression Connector

TYPE YIPC INSTALLATION TOOLING

Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order, and crimp direction to ensure safe and reliable wire connections.

Installation instructions help the installer understand proper wire preparation, proper insertion requirements, and proper installation methods to ensure safe and reliable wire connections.



Upper Die:

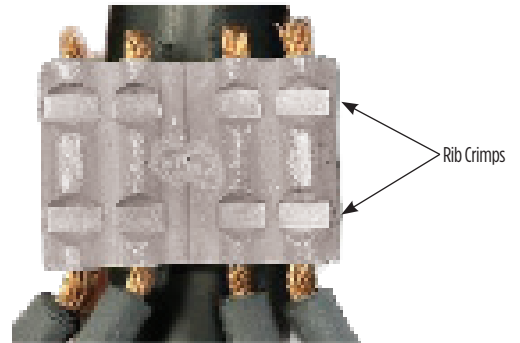
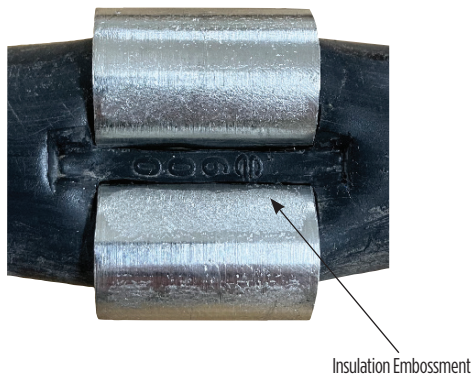
- “M” shaped profile designed to curl the two (2) piercing legs through the main/run conductor insulation
- Die will emboss the BURNDY “Bug” logo and wire size in the insulation for post-crimp inspection

Lower Die Designed with 2 Key Features:

- Ribs: two (2) parallel ribs crimp the tap wire(s) evenly during installation
- Backstop: Intended to rest and properly align the connector in the dies for crimping



Kit Catalog Number	Installation Tooling				
	Die Halves	Die Catalog Number	Number of Crimps	Upper Die Embossment	Tool Series
YIPC348CWC	Upper	PIPC34U	1	500	46 Series
	Lower	PIPC34L			
YIPC368CWC	Upper	PIPC36U	1	600	46 Series
	Lower	PIPC34L			
YIPC398CWC	Upper	PIPC39U	1	750	46 Series
	Lower	PIPC34L			

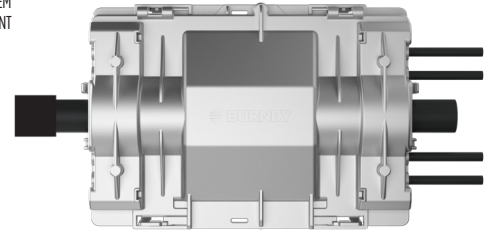


YIPC Connector as Dead-end; Cold Shrink End Cap, Wire Stripper

TYPE YIPC H-Tap Aluminum HYPIERCE CRIMPIT™ with Type CSEC Cold Shrink End Caps

The YIPC H-Tap connectors used in conjunction with the Type CSEC Cold Shrink End Caps are suitable for Dead-end applications.

Cold shrink applied end cap sealing products are made of specially formulated EPDM Rubber (Ethylene Propylene Diene Monomer) providing excellent moisture, acids, alkalis and weather resistance. End caps provide a constant pressure on the conductor to contract and expand as needed along with the cable. Installs quickly and easily, no special tools required. Operating temperature range: -40°C to 105°C.



CSEC3 - Cold Shrink End Cap
1.02"-1.94" min/max diameter application range, rated up to 2kV

YIPC Catalog Number	Run Conductor (AL)		Tap Conductor (CU)		
	Conductor Size	Dead-End Cold Shrink End Cap	Conductor Size	RIPLEY® Wire Strip Tools	
				Collar	Bushing
YIPC348CWC	500 kcmil	CSEC2	10 AWG	40100	10-27550
			8 AWG		10-32560
YIPC368CWC	600 kcmil	CSEC3	10 AWG	40100	10-27550
			8 AWG		10-32560
YIPC398CWC	750 kcmil	CSEC3	10 AWG	40100	10-27550
			8 AWG		10-32560

*Type CSEC Cold Shrink End Caps must be ordered in multiples of package quantity (6)



Wire stripping collar and bushings for compression flexible trunk solutions



40100, Ripley

WS68 Snap with 3/8" Drill Drive



10-32560, Ripley

2 x 2 Plus and 4 x 4 Plus Bushings, Square Cut, 8 AWG



10-27550, Ripley

2 x 2 Plus and 4 x 4 Plus Bushings, Square Cut, 10 AWG