



YAV6CTC516FXB, Compression Terminal, 6 Flex G,H,I,K,M, DLO, 6 AWG, Cu, 1-Hole, 5/16" Stud, Long Barrel

By Burndy
Catalog # [YAV6CTC516FXB](#)



Cu HYLUG™; 1 Hole; #6 AWG CLASS B THRU M DLO (61/24), 16mm² CLASS 2 & CLASS 5, NAVY 30; 5/16 Bolt Size, Long, Compression, Blue, 600 Volts to 35kV, Tin Plated.

Features

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

Application

Wire Termination

General

Catalog Number	YAV6CTC516FXB
Color Code	Blue
Connector Type	LONG BARREL
Die Index	7
Feature - Barrel Style	Belled
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin - Electro Plated
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810276990
UPC 14 Digit GTIN	00781810276990

Dimensions

Dimension - B Length inch	1.22 in
Dimension - Bolt Hole Size inch	0.33 in
Dimension - Bolt Size fraction	5/16

Dimension - Bolt Size inch	0.3125
Dimension - Hole Size fraction	5/16
Dimension - Hole Size inch	0.38
Dimension - Hole Size mm	10 mm
Dimension - L Length Overall mm	56 mm
Dimension - Length Overall inch	2.19 in
Dimension - N inch	0.34 in
Dimension - Outside Diameter inch	0.31 in
Dimension - Pad Width inch	0.52 in
Dimension - Strip Length inch	1-5/16 in
Dimension - Stud Size fraction	5/16
Dimension - Stud Size inch	5/16
Dimension - Z (inch)	0.36 in
Physical Attribute - Tongue Angle	Straight

Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

Conductor Related

Conductor - Copper DLO Size	6 AWG
Conductor - Copper DLO Size Range	6 AWG
Conductor - Copper Flex G Size	"6 AWG"
Conductor - Copper Flex G Size Range	6 AWG
Conductor - Copper Flex H Size	"6 AWG"
Conductor - Copper Flex H Size Range	6 AWG
Conductor - Copper Flex I Size	"6 AWG"
Conductor - Copper Flex I Size Range	6 AWG
Conductor - Copper Flex K Size	"6 AWG"
Conductor - Copper Flex K Size Range	6 AWG

Conductor - Copper Flex M Size	"6 AWG"
Conductor - Copper Flex M Size Range	6 AWG
Conductor - Copper Str Compact Size	"6 AWG"
Conductor - Copper Str Navy Size	30
Conductor - Copper Str Navy Size Range	30 Navy
Conductor - Copper Str Size	"6 AWG"
Conductor - Copper Str Size Range	6 AWG
Conductor - Material	COPPER
Conductor Size	6 AWG
Conductor Type	CODE/FLEX
Wire Size	6 AWG

Certifications And Compliance

Certification - CSA Approved	Yes
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Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

Logistics

Minimum Pack Quantity	50
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Product Assets

- Catalogs - [BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- Customer Notices - [Prop 65 Notice](#)
- Interactive Catalog - [BURNDY Full-Line Digital Catalog](#)
- Sales Drawings - [SE208075](#)
- Specifications - [YAV6CTC516FXB](#)
- Video - [HYDENT Compression Terminal Overview Video](#)