



# YA342N, 500 kcmil, CU, 2 Hole, 1/2 Stud, 1-3/4 Spacing, Long Barrel

By Burndy  
Catalog # [YA342N](#)

500 kcmil CU, Two Hole, 1/2 Stud Size, 1-3/4 Hole Spacing, Long Barrel Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, Brown Color Code, 20 or 299 Die Index.



## Application

Wire Termination

## General

Catalog Number	YA342N
Color Code	Brown
Connector Type	LONG BARREL
Die Index	20
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	2
Physical Attribute - Tongue Type	Standard
Plated	Y
Plating Type	Tin
Sub Brand	HYLUG
Trade Name	HYLUG™
Type	Long Barrel, Tin Plated
UPC	781810506059
UPC 12 Digit	7818105060599

## Dimensions

Dimension - B Length fraction	2-1/4 in
Dimension - B Length inch	2.25 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Dimension - Bolt Size inch	0.5
Dimension - Hole Size fraction	1/2
Dimension - Hole Size inch	0.56 in
Dimension - Hole Size mm	14 mm
Dimension - L Length Overall mm	154 mm
Dimension - Length Overall inch	6.06 in
Dimension - N inch	0.63 in
Dimension - Outside Diameter inch	1.06 in
Dimension - Pad Width inch	1.55 in
Dimension - Strip Length inch	2-5/16
Dimension - Stud Size fraction	1/2
Dimension - Stud Size inch	0.5

## Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

## Conductor Related

Conductor - Copper DLO Size Range	N/A
Conductor - Copper Str Size	500 KCMIL
Conductor - Copper Str Size Range	500 kcmil
Conductor - Material	COPPER
Conductor Size	500 KCMIL
Conductor Type	CODE

## Certifications And Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL486A-UL486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Carton Quantity	6
-----------------	---

## Product Assets

[3D Models - YA342N\\_MODEL-IGES](#)  
[3D Models - YA342N\\_IGS](#)  
[3D Models - YA342N\\_MODEL-PDF](#)  
[3D Models - YA342N\\_STP](#)  
[3D Models - YA342N\\_MODEL-STEP](#)  
[Catalogs - Full Line BURNDY Catalog](#)  
[Catalogs - Section C - Compression Connections](#)  
[Customer Notices - Prop 65 Notice](#)  
[Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions](#)  
[Sales Drawings - SD..031189-04](#)  
[Video - HYDENT Compression Terminal Overview Video](#)

Dimension - Stud Size inch 1/2  
Dimension - Z (inch) 0.64 in  
Physical Attribute - Tongue Angle Straight

---



A proud member of the Hubbell Family.

©2024 Hubbell Incorporated. All rights reserved.  
BRDY\_CA-YA342N-SPEC-EN | REV 6/2024