

# YA272NT516, Compression Terminal, 3/0 AWG Cu, 2-Hole, 5/16" Stud, 1" Spacing, Long Barrel, Narrow Tongue



By Burndy  
Catalog # [YA272NT516](#)

3/0 AWG CU, Two Hole, 5/16 Stud Size, 1 Hole Spacing, Long Barrel, Narrow Tongue Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, Orange Color Code, 14 Die Index.

## Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Long barrel length allows for an increased number of crimps increasing the mechanical strength of the connection
- 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
- 2-Hole design prevents rotation

## Application

Wire Termination

## General

Catalog Number	YA272NT516
Color Code	Orange
Connector Type	LONG BARREL
Die Index	14
Feature - Barrel Style	Chamfered
Finish Type	Tin-Plated
Material	COPPER
Physical Attribute - Number of Holes	2
Plated	Y
Plating Type	Tin
Trade Name	HYLUG™
UPC	781810672655

## Dimensions

Dimension - B Length fraction	1-1/2 in
Dimension - B Length inch	1.50 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	94 mm
Dimension - Length Overall inch	3.70 in
Dimension - Outside Diameter inch	0.62 in
Dimension - Pad Width inch	0.60 in
Dimension - Strip Length inch	1-9/16 in
Dimension - Stud Size fraction	5/16
Dimension - Stud Size inch	5/16 in
Physical Attribute - Tongue Angle	Straight

## Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

## Conductor Related

Conductor - Copper DLO Size Range	N/A
Conductor - Copper Str Navy Size	150 (61)
Conductor - Copper Str Size	3/0 AWG
Conductor - Copper Str Size Range	3/0 AWG
Conductor - Material	COPPER
Conductor Size	3/0 AWG
Conductor Type	CODE

## Certifications And Compliance

Certification - CSA Approved	Yes
Industry Standard(s)	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Carton Quantity	10
Minimum Pack Quantity	1

## Product Assets

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)  
[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)  
[Customer Notices - Prop 65 Notice](#)

[Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions](#)  
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)  
[Sales Drawings - 50046218](#)  
[Specifications - YA272NT516](#)  
[Video - HYDENT Compression Terminal Overview Video](#)



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