



# YA25N, 1/0 AWG, CU, 1-hole, 1/2" stud, Long Barrel

By Burndy  
Catalog # [YA25N](#)



1/0 AWG CU, One Hole, 1/2 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV,PINK Color Code, 12 or 348 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

## Application

Wire Termination

## General

|                                      |                         |
|--------------------------------------|-------------------------|
| Catalog Number                       | YA25N                   |
| Color Code                           | Pink                    |
| Connector Type                       | LONG BARREL             |
| Die Index                            | 12                      |
| EU RoHS Indicator                    | Yes                     |
| Feature - Barrel Style               | Chamfered               |
| 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    |
| Sub Brand                            | HYLUG                   |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810018880            |
| UPC 14 Digit GTIN                    | 00781810018880          |

## Dimensions

|                                 |          |
|---------------------------------|----------|
| Dimension - B Length fraction   | 1-3/8 in |
| Dimension - B Length inch       | 1.38 in  |
| Dimension - Bolt Hole Size inch | 0.52 in  |
| Dimension - Bolt Size fraction  | 1/2      |
| Dimension - Bolt Size inch      | 0.5      |
| Dimension - D inch              | 1.27 in  |

|                                   |          |
|-----------------------------------|----------|
| Dimension - Hole Size fraction    | 1/2      |
| Dimension - Hole Size inch        | 0.56     |
| Dimension - Hole Size mm          | 14 mm    |
| Dimension - L Length Overall mm   | 77 mm    |
| Dimension - Length Overall inch   | 3.05 in  |
| Dimension - N inch                | 0.63 in  |
| Dimension - Outside Diameter inch | 0.51 in  |
| Dimension - Pad Width inch        | 0.83 in  |
| Dimension - Strip Length inch     | 1-7/16   |
| Dimension - Stud Size fraction    | 1/2      |
| Dimension - Stud Size inch        | 1/2      |
| Dimension - Z (inch)              | 0.64 in  |
| Physical Attribute - Tongue Angle | Straight |

## Electrical Ratings

|                   |       |
|-------------------|-------|
| Voltage - Maximum | 35000 |
| Voltage Rating    | 35 kV |

## Conductor Related

|                                        |               |
|----------------------------------------|---------------|
| Conductor - Copper Str Navy Size       | 100 (61) Navy |
| Conductor - Copper Str Navy Size Range | 100 (61) Navy |
| Conductor - Copper Str Size            | 1/0 AWG       |
| Conductor - Copper Str Size Range      | 1/0 AWG       |
| Conductor - Material                   | COPPER        |
| Conductor Size                         | 1/0 AWG       |
| Conductor Type                         | CODE          |

## Certifications And Compliance

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Buy America(n) Qualified      | Buy American Act Compliant (All status valid till December 2024) |
| Certification - ETL           | No                                                               |
| Certification - UL Recognized | No                                                               |
| Certification - cULus         | No                                                               |
| Industry Standard(s)          | UL 486A-486B                                                     |

|                             |     |
|-----------------------------|-----|
| Standards - RoHS Compliance | CM  |
| Status                      |     |
| UL Listed                   | Yes |

Logistics

|                       |       |
|-----------------------|-------|
| Carton Quantity       | 40    |
| Minimum Pack Quantity | 1     |
| Pallet Quantity       | 18560 |

Product Assets

- 3D Models - YA25N\_MODEL-IGES
- 3D Models - YA25N\_MODEL-STEP
- 3D Models - YA25N\_MODEL-PDF

- Catalogs - BURNDY Master Catalog - Section C - Compression Connections
- Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
- Customer Notices - Prop 65 Notice
- Installation Manuals - Copper Code Long Terminals Tooling and Installation Instructions
- Installation Manuals - Medium & Large HYDENT Copper & Aluminum Terminal Crimp Instructions with 750 Series 12-Ton Tool
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Sales Drawings - SD..079849-03
- Specifications - YA25N
- Video - HYDENT Compression Terminal Overview Video

