



# YA2CN, 2 AWG, CU, 1 Hole, 1/2 Stud, Long Barrel

By Burndy  
Catalog # [YA2CN](#)

2 AWG CU, One Hole, 1/2 Stud Size, Long Barrel, Internal Chamfer, Tin Plated, UL/CSA, 90°C, Up to 35kV, BROWN Color Code, 10 Die Index.



## Application

Wire Termination

## General

|                                      |                         |
|--------------------------------------|-------------------------|
| Catalog Number                       | YA2CN                   |
| Color Code                           | Brown                   |
| Connector Type                       | LONG BARREL             |
| Die Index                            | 10                      |
| EU RoHS Indicator                    | Yes                     |
| Feature - Barrel Style               | Chamfered               |
| Feature - Barrel Type                | Long                    |
| Finish Type                          | Tin-Plated              |
| Material                             | COPPER                  |
| Physical Attribute - Number of Holes | 1                       |
| Plated                               | Y                       |
| Plating Type                         | Tin                     |
| Sub Brand                            | HYLUG                   |
| Temperature Rating                   | 194                     |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810080207            |
| UPC 12 Digit                         | 7818100802077           |

## Dimensions

|                                   |         |
|-----------------------------------|---------|
| Dimension - B Length inch         | 1.25 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   | 73 mm   |
| Dimension - Length Overall inch   | 2.88 in |
| Dimension - N inch                | 0.63 in |
| Dimension - Outside Diameter inch | 0.42 in |
| Dimension - Pad Width inch        | 0.83 in |
| Dimension - Strip Length inch     | 1-5/16  |
| Dimension - Stud Size fraction    | 1/2     |
| Dimension - Stud Size inch        | 1/2     |

## Electrical Ratings

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

## Conductor Related

|  |              |
|--|--------------|
| Conductor - Copper Str Navy Size       | 60 (37) Navy |
| Conductor - Copper Str Navy Size Range | 60 (37) Navy |
| Conductor - Copper Str Size            | 2 AWG        |
| Conductor - Copper Str Size Range      | 2 AWG        |
| Conductor - Material                   | COPPER       |
| Conductor Size                         | 2 AWG        |
| 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 - RoHS Compliance Status | CM           |
| UL Listed                          | Yes          |

## Logistics

|                       |    |
|-----------------------|----|
| Carton Quantity       | 25 |
| Minimum Pack Quantity | 1  |

## Product Assets

[3D Models - YA2CN\\_MODEL-IGES](#)  
[3D Models - YA2CN\\_MODEL-PDF](#)  
[3D Models - YA2CN\\_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..079849-03](#)  
[Video - HYDENT Compression Terminal Overview Video](#)

Dimension - Z (inch) 0.64 in  
Physical Attribute - Tongue Straight  
Angle

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