



## YA2C2N, 2 AWG, CU, 2 Hole, 1/2 Stud, 1-3/4 IN Spacing, Long Barrel

By Burndy  
Catalog # [YA2C2N](#)



2 AWG 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, 10 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                       | YA2C2N                  |
| 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 | 2                       |
| Physical Attribute - Tongue Type     | Standard                |
| Plated                               | Y                       |
| Plating Type                         | Tin - Electro Plated    |
| Sub Brand                            | HYLUG                   |
| Temperature Rating                   | 194                     |
| Trade Name                           | HYLUG™                  |
| Type                                 | Long Barrel, Tin Plated |
| UPC                                  | 781810500866            |
| UPC 14 Digit GTIN                    | 00781810500866          |

### 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                | 3.02 in  |
| Dimension - Hole Size fraction    | 1/2      |
| Dimension - Hole Size inch        | 0.56     |
| Dimension - Hole Size mm          | 14 mm    |
| Dimension - L Length Overall mm   | 118 mm   |
| Dimension - Length Overall inch   | 4.64 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      |
| 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  | 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

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Buy America(n) Qualified      | TAA Compliant (All status valid till December 2025) |
| Certification - CSA Approved  | Yes                                                 |
| Certification - ETL           | No                                                  |
| Certification - UL Recognized | No                                                  |
| Certification - cULus         | No                                                  |
| Industry Standard(s)          | UL 486A-486B                                        |

|                                |              |
|--------------------------------|--------------|
| Standards - Industry Standards | UL 486A-486B |
| Met                            |              |
| Standards - RoHS Compliance    | CM           |
| Status                         |              |
| UL Listed                      | Yes          |

Logistics

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

Product Assets

- 3D Models - YA2C2N\_MODEL-PDF
- 3D Models - YA2C2N\_MODEL-IGES

- 3D Models - YA2C2N\_MODEL-STEP
- 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..031189-01
- Specifications - YA2C2N
- Video - HYDENT Compression Terminal Overview Video



A Hubbell brand