



## YA1C2N, Compression Terminal, Cu, Long Barrel, 1 AWG, 2-Hole

By Burndy

Catalog # [YA1C2N](#)

Copper Compression Terminal, Long Barrel, 1 AWG, 2-Hole, 1/2" Stud, 1.75" Spacing, Tin Plated, UL/CSA



### 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

### Specifications

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

### Conductor

|                                        |              |
|----------------------------------------|--------------|
| Conductor - Material                   | COPPER       |
| Conductor - Copper Str Size            | 1 AWG        |
| Conductor - Copper DLO Size Range      | N/A          |
| Conductor Size                         | 1 AWG        |
| Conductor - Copper Str Navy Size Range | 75 (37) Navy |
| Conductor - Copper Str Navy Size       | 75 (37) Navy |
| Conductor Type                         | CODE         |
| Conductor - Copper Str Size Range      | 1 AWG        |

### Configuration

|                                      |   |
|--------------------------------------|---|
| Physical Attribute - Number of Holes | 2 |
|--------------------------------------|---|

|                     |             |
|---------------------|-------------|
| Number of Pad Holes | 2           |
| Connector Type      | LONG BARREL |

### Current

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

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 0.83 in   |
| Package Height                    | 0.000 in  |
| Dimension - Hole Size fraction    | 1/2       |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 122 mm    |
| Dimension - Outside Diameter inch | 0.46 in   |
| Dimension - Thread Size           | 1/2       |
| Dimension - Hole Size mm          | 14 mm     |
| Dimension - Hole Size inch        | 0.56      |
| Dimension - Strip Length inch     | 1-7/16    |
| Dimension - Stud Size inch        | 1/2       |
| Dimension - Stud Size fraction    | 1/2       |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Physical Attribute - Tongue Angle | Straight  |
| Dimension - B Length fraction     | 1-3/8 in  |
| Dimension - Z inch                | 0.64 in   |
| Dimension - B Length inch         | 1.38 in   |
| Dimension - D inch                | 3.02 in   |
| Dimension - N inch                | 0.63 in   |
| Dimension - Bolt Size inch        | 0.5       |
| Dimension - Length Overall inch   | 4.82 in   |

### General

|                                  |           |
|----------------------------------|-----------|
| Trade Name                       | HYLUG™    |
| Die Index                        | 11        |
| Feature - Barrel Type            | Long      |
| Feature - Barrel Style           | Chamfered |
| Plated                           | Y         |
| Color Code                       | Green     |
| Physical Attribute - Tongue Type | Standard  |

|                   |                         |
|-------------------|-------------------------|
| Sub Brand         | HYLUG                   |
| UPC               | 781810500415            |
| Type              | Long Barrel, Tin Plated |
| Material          | Copper                  |
| Plating Type      | Tin - Electro Plated    |
| Finish Type       | Tin-Plated              |
| UPC 12 Digit      | 781810500415            |
| UPC 14 Digit GTIN | 00781810500415          |

|                    |     |
|--------------------|-----|
| Carton Quantity    | 20  |
| <b>Operational</b> |     |
| Temperature Rating | 194 |

**Product Assets**

- [Catalog \[English\]](#)
- [Installation Manual \[English\]](#)
- [Installation Manual \[French, English\]](#)

**Logistics**



A Hubbell brand