

# YA1CLBOX, 1 AWG, CU, 1 Hole, 5/16 Stud, Standard Barrel, Inspection Window



By Burndy  
Catalog # [YA1CLBOX](#)

1 AWG CU, One Hole, 5/16 Stud Size, Standard Barrel, Inspection Window, Internal Chamfer, Tin Plated, UL/CSA 90° Up to 35kV, GREEN Color Code, 11 or 375 Die Index.

## Features

- Barrel designed with internal chamfer at wire entry for smooth insertion of wire, preventing possible damage of the strands
- Standard barrel length is recommended for installations with limited space availability
- 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

## Application

Wire Termination

## General

|                                      |                             |
|--------------------------------------|-----------------------------|
| Catalog Number                       | YA1CLBOX                    |
| Color Code                           | Green                       |
| Connector Type                       | STANDARD BARREL             |
| Die Index                            | 11                          |
| EU RoHS Indicator                    | Yes                         |
| Feature - Barrel Style               | Chamfered                   |
| Feature - Barrel Type                | Standard                    |
| Finish Type                          | Tin-Plated                  |
| Material                             | COPPER                      |
| Physical Attribute - Number of Holes | 1                           |
| Physical Attribute - Tongue Type     | Standard                    |
| Plated                               | Y                           |
| Plating Type                         | Electro-Tin plated          |
| Sub Brand                            | HYLUG                       |
| Trade Name                           | HYLUG™                      |
| Type                                 | Standard Barrel, Tin Plated |
| UPC                                  | 781810551257                |
| UPC 12 Digit                         | 7818105512577               |

## Dimensions

|                                 |         |
|---------------------------------|---------|
| Dimension - B Length fraction   | 7/8 in  |
| Dimension - B Length inch       | 0.88 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   | 49 mm    |
| Dimension - Length Overall inch   | 1.94 in  |
| Dimension - N inch                | 0.34 in  |
| Dimension - Outside Diameter inch | 0.46 in  |
| Dimension - Pad Width inch        | 0.68 in  |
| Dimension - Strip Length inch     | 15/16    |
| Dimension - Stud Size fraction    | 5/16     |
| Dimension - Stud Size inch        | 5/16     |
| Dimension - Z (inch)              | 0.36 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  | 75 (37) Navy |
| Conductor - Copper Str Size       | 1 AWG        |
| Conductor - Copper Str Size Range | 1 AWG        |
| Conductor - Material              | COPPER       |
| Conductor Size                    | 1 AWG        |
| Conductor Type                    | CODE         |

## Certifications And Compliance

|                               |     |
|-------------------------------|-----|
| Buy American Compliant        | Yes |
| Certification - CSA Approved  | Yes |
| 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       | 20 |
| Minimum Pack Quantity | 1  |

### Product Assets

- [3D Models - YA1CLBOX\\_MODEL-IGES](#)
- [3D Models - YA1CLBOX\\_MODEL-STEP](#)
- [3D Models - YA1CLBOX\\_MODEL-PDF](#)
- [Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)
- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Sales Drawings - sd079848-07](#)
- [Specifications - YA1CLBOX](#)
- [Video - HYDENT Compression Terminal Overview Video](#)



A Hubbell brand