



## YAV25L3, Ring Terminal, 1/0 AWG, 1-Hole, 1/2" Stud

By Burndy  
Catalog # [YAV25L3](#)

Seamless Uninsulated Ring, AN-1/0 Flex, 1/2" Stud, Standard Barrel, Double Thick Tongue, Tin Plated

### Features

- Manufactured from seamless pure electrolytic copper tubing to provide maximum conductivity, low resistance and excellent ductility for crimping
- Seamless tubular crimp barrel design - No seams to split resulting in a very high quality electrical connection, also can be used on solid conductor
- Double thick tongue structurally a very strong terminal tongue
- Produced from tubular copper, extra copper material assures the compression connector will operate cooler than the conductors it connects
- Internally bevelled barrel for easy cable entry, especially for flexible conductors
- Inspection hole provides easy visual check for proper conductor insertion
- Electro-tin plated for a long lasting durable corrosion resistance

### Application

Industrials, Hospitals, Utilities, Marine, Computer

### Specifications

|                                    |                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------|
| Certification - UL Recognized      | No                                                                                              |
| Buy American Compliant             | Contact Manufacturer                                                                            |
| Certification - cULus              | No                                                                                              |
| Buy America(n) Qualified           | Contact Manufacturer                                                                            |
| Industry Standard(s)               | <ul style="list-style-type: none"><li>• UL467</li><li>• Military Specified (Mil-Spec)</li></ul> |
| Certification - ETL                | No                                                                                              |
| Standards - Industry Standards Met | UL486                                                                                           |
| Standards - RoHS Compliance        | CM                                                                                              |
| Status                             |                                                                                                 |
| UL Listed                          | Yes                                                                                             |
| Certification - CSA Approved       | Yes                                                                                             |

### Conductor

|                                            |                                                                                           |
|--------------------------------------------|-------------------------------------------------------------------------------------------|
| Conductor - Copper Str Size                | 1/0 AWG                                                                                   |
| Conductor Size                             | 1/0 AWG                                                                                   |
| Conductor - Copper Str Aircraft Size Range | AN 0                                                                                      |
| Conductor - Copper Str Aircraft Size       | AN 0                                                                                      |
| Conductor Type                             | <ul style="list-style-type: none"><li>• CU C Solid-Size</li><li>• CU C Str-Size</li></ul> |
| Conductor - Copper Str Size Range          | 1/0 AWG                                                                                   |



### Configuration

|                                      |               |
|--------------------------------------|---------------|
| Physical Attribute - Number of Holes | 1             |
| Connector Type                       | Ring Terminal |

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 0.88 in   |
| Package Height                    | 0.000 in  |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - Outside Diameter inch | 0.56 in   |
| Dimension - Hole Size mm          | 13 mm     |
| Dimension - Strip Length inch     | 11/16     |
| Dimension - Stud Size inch        | 1/2 in    |
| Dimension - Bolt Hole Size inch   | 0.52 in   |
| Dimension - Bolt Size fraction    | 1/2       |
| Physical Attribute - Tongue Angle | Straight  |
| Dimension - B Length fraction     | 11/16 in  |
| Dimension - Z inch                | 0.46 in   |
| Dimension - B Length inch         | 0.66 in   |
| Dimension - D inch                | 0.90 in   |
| Dimension - N inch                | 0.44 in   |
| Dimension - Length Overall inch   | 2.09 in   |

### General

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| Material Composition             | <ul style="list-style-type: none"><li>• DLP Copper</li><li>• Tin Plating</li></ul> |
| Product Family                   | COMPRESSION                                                                        |
| Trade Name                       | HYLUG™                                                                             |
| Die Index                        | 43                                                                                 |
| Military Specification           | AS20659                                                                            |
| Application - For Use On         | Copper Commercial (Code) Cable, Type AN Aircraft Cable, Extra Flexible Conductors  |
| Feature - Barrel Type            | Standard                                                                           |
| Feature - Barrel Style           | <ul style="list-style-type: none"><li>• Chamfered</li><li>• Skived</li></ul>       |
| Plated                           | Yes                                                                                |
| Physical Attribute - Tongue Type | Ring                                                                               |
| Sub Brand                        | HYLUG                                                                              |
| Product Type                     | Terminal                                                                           |
| UPC                              | 781810025659                                                                       |
| Type                             | Ring Tongue                                                                        |
| Material                         | Copper                                                                             |

|                   |                |                 |       |
|-------------------|----------------|-----------------|-------|
| Plating Type      | Tin            | Pallet Quantity | 39200 |
| UPC 14 Digit GTIN | 00781810025659 | Carton Quantity | 100   |

Logistics

Minimum Pack Quantity100



A Hubbell brand

Product Assets

[Catalog \[English\]](#)