



# YAEV8CL1

by Burndy  
Catalog ID: YAEV8CL1

Copper Lug, Ring Tongue, 1 Hole w/ Inspection Hole, 8 AWG, 1/4" Stud, Insulated, Short Barrel, Tin Plated, 600 Volts Max.

Features: The INSULUG Type YAEV-L Is Designed For Very Demanding High Vibration Applications Encountered In Aircraft And Aboard Ships As Well As Motor Lead Applications In Hospitals, Industrials And Generating Plants, The Nylon Insulated Seamless, Electrolytic Copper Barrel With Double Thick Tongue Provides An Extra Strong Insulated Connection, The Terminal Is Rated 105 DEG C And Meets SAE-AS7928 Requirements, Double Thick Tongue: Provides Maximum Reliability And Electrical Capacity Plus An Extra Strong Terminal Tongue, Manufactured From One-Piece Pure Electrolytic Copper: Provides High Conductivity, Low Resistance With No Seams To Split Plus Ductility For Excellent Crimp Forming Properties, Electro-Tin Plated: Provides Long-Lasting Corrosion Resistance, Nylon Insulation Is Locked In Place: Insulation Will Not Move Or Twist Off, 300 Volt Nylon Insulation: High Dielectric Strength And Stability In Demanding Oily Environmental Conditions, Color Coded: Provides Quick, Easy Wire Size Connector Selection, Insulation Diameter (maximum): 0.258 IN, Package: Bulk, Tools, Die Nest Catalog Number, Die Indentor Catalog Number: HYPRESS: Y29NC Tool, DEV8L Die Nest, Y29PLE-1 Die Indentor, Wire Shroud: No, Temperature Rating: 105 DEG C Maximum, Sae-as25036: -116, Finish: Electro-Tin Plated, Installation Tool: Non-Ratchet: MY28-6 Tool, Ratchet: M8ND Tool With N8CET-2 Die, Hydraulic: Y35, Y39 Tool With U8CET Die Set, Color Code: Red, Conductor Type: Commercial/Military Stranded Copper, Wire Strip Length: 7/16 IN, Tongue Angle: Straight

## Product Details

### General

|                                      |  |
|--------------------------------------|--|
| Application                          | For Very Demanding High Vibration Applications Encountered In Aircraft And Aboard Ships As Well As Motor Lead Applications In Hospitals, Industrials And Generating Plants |
| Color Code                           | Red  |
| Connector Type                       | Terminal   |
| Feature - Barrel Style               | Chamfered  |
| Feature - Barrel Type                | Standard   |
| Insulation                           | Y  |
| Insulation Type                      | Nylon  |
| Material                             | Copper   |
| Military Specification               | MS25036  |
| Physical Attribute - Number of Holes | 1  |
| Physical Attribute - Tongue Type     | Ring   |
| Plated                               | Y  |
| Plating Type                         | Tin  |
| Sub Brand                            | INSULUG  |
| Trade Name                           | INSULUG™   |
| Type                                 | YAEV-L, Heavy Duty   |
| UPC                                  | 781810027745   |
| UPC 12 Digit                         | 7818100277455  |

### Dimensions

|                                 |         |
|---------------------------------|---------|
| Dimension - B Length fraction   | 9/25 in |
| Dimension - B Length inch       | 0.36 in |
| Dimension - Length Overall inch | 1.47 in |
| Dimension - N inch              | 0.23 in |
| Dimension - P inch              | 0.13 in |
| Dimension - Pad Width inch      | 0.46 in |
| Dimension - Stud Size inch      | 1/4     |
| Dimension - Z inch              | 0.32 in |

### Electrical Ratings

|                   |       |
|-------------------|-------|
| Voltage - Maximum | 600 V |
|-------------------|-------|

### Conductor Related

|  |  |
|--|--|
| Conductor - Copper Str Aircraft Size       | AN 8   |
| Conductor - Copper Str Aircraft Size Range | AN 8   |
| Conductor - Copper Str Size                | 8  |
| Conductor - Copper Str Size Range          | 8  |
| Conductor Type                             | <ul style="list-style-type: none"> <li>CU C Solid-Size</li> <li>CU C Str-Size</li> </ul> |

### Certifications and Compliance

|                                    |  |
|------------------------------------|--|
| Certification - CSA Approved       | No   |
| Industry Standard(s)               | <ul style="list-style-type: none"> <li>UL486</li> <li>Military Specified (Mil-Spec)</li> </ul> |
| Standards - Industry Standards Met | <ul style="list-style-type: none"> <li>UL486</li> <li>Military Specified (Mil-Spec)</li> </ul> |
| Standards - RoHS Compliance Status | CM   |
| UL Listed                          | Yes  |

### Logistics

|                       |     |
|-----------------------|-----|
| Minimum Pack Quantity | 200 |
|-----------------------|-----|

For further technical assistance, please contact us

**BURNDY Headquarters**  
 47 East Industrial Park Drive  
 Manchester, New Hampshire 03109

**Customer Service Hours:**  
 8 AM - 8 PM Eastern Monday-Friday  
 Emergency Service 24-hours/365 Days  
 Phone: 1-800-346-4175  
       1-603-647-5299 (International)