

YAEV6CL, Nylon Ring Terminal For 6 AWG

By Burndy
Catalog # [YAEV6CL](#)



Copper Terminal, Ring Tongue w/ Inspection Hole, Wire Range 6 AWG, 1/4" Stud, Nylon Insulated, Short Barrel, Tin Plated, 600 Volts Max.

Features

- Double thick tongue for maximum reliability and electrical capacity plus an extra strong terminal tongue
- Manufactured from one-piece pure electrolytic copper — high conductivity, low resistance with no seams to split plus ductility for excellent crimp forming properties
- Electro-tin plated to provide long-lasting corrosion resistance
- Nylon insulation is locked in place — Insulation will not move or twist off
- 600 volt nylon insulation providing high dielectric strength and stability in demanding oily environmental conditions
- Color Coded providing quick, easy wire size connector selection

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

General

| | |
|--------------------------------------|--------------------|
| Catalog Number | YAEV6CL |
| Color Code | Blue |
| Connector Type | Ring Terminal |
| Die Index | 436 |
| EU RoHS Indicator | Yes |
| Feature - Barrel Style | Chamfered |
| Feature - Barrel Type | Standard |
| Insulation | Y |
| Insulation Type | Nylon |
| Material | Copper |
| 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 | 781810027707 |
| UPC 14 Digit GTIN | 00781810027707 |

Dimensions

| | |
|---------------------------------|---------|
| Dimension - B Length inch | 0.42 in |
| Dimension - Bolt Size fraction | 1/4 |
| Dimension - Length Overall inch | 1.56 in |
| Dimension - N inch | 0.24 in |
| Dimension - P inch | 0.13 in |
| Dimension - Pad Width inch | 0.48 in |
| Dimension - Stud Size inch | 1/4 |
| Dimension - Z (inch) | 0.29 in |

Electrical Ratings

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

Conductor Related

| | |
|--|--|
| Conductor - Copper Str Aircraft Size | AN 6 |
| Conductor - Copper Str Aircraft Size Range | AN 6 |
| Conductor - Copper Str Size | 6 |
| Conductor Size | 6 AWG |
| Conductor Type | <ul style="list-style-type: none"> • CU C Solid-Size • CU C Str-Size |

Certifications And Compliance

| | |
|------------------------------------|--|
| Buy America(n) Qualified | TAA Compliant (All status valid till December 2024) |
| Industry Standard(s) | <ul style="list-style-type: none"> • UL486 • Military Specified (Mil-Spec) |
| Standards - Industry Standards Met | UL486 |
| Standards - RoHS Compliance Status | CM |
| UL Listed | Yes |

Logistics

| | |
|-----------------------|-----|
| Carton Quantity | 400 |
| Minimum Pack Quantity | 200 |
| Pallet Quantity | 800 |

Product Assets

Catalogs - BURNDY Master Catalog - Section B - Small Terminals
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
Interactive Catalog - BURNDY Full-Line Digital Catalog

Product Cross Section Image(s) - BUR_YAEV_LineArt
Sales Drawings - 50094163
Specifications - YAEV6CL



A Hubbell brand

©2025 Hubbell Incorporated. All rights reserved
BRDY-YAEV6CL-SPEC-EN | REV 7/2025