

## YAEV10BOX, Nylon Ring Terminal For 12 - 10 AWG

By Burndy  
Catalog # [YAEV10BOX](#)



Ring Tongue Copper Tubing Terminal, 1.14 in L, .37 in W, Tin Plated, 600 Volts Max., 105 Deg C 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 High Vibration Applications Encountered In Aircraft And Aboard Ships As Well As Motor Lead Applications In Hospitals, Industrials And Generating Plants

### General

Catalog Number	YAEV10BOX
Color Code	Yellow
Connector Type	Ring Terminal
EU RoHS Indicator	Yes
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
Temperature Rating	105°C
Trade Name	INSULUG™
Type	YAEV, Heavy Duty
UPC	781810565254
UPC 12 Digit	7818105652544

### Dimensions

Dimension - B Length fraction	3/10 in
Dimension - B Length inch	0.30 in

Dimension - Bolt Size fraction	#8 - #10
Dimension - Hole Size fraction	1/5
Dimension - Hole Size inch	0.20 in
Dimension - L Length Overall mm	29 mm
Dimension - Length Overall inch	1.16 in
Dimension - N inch	0.19 in
Dimension - Outside Diameter inch	0.30 in
Dimension - P inch	0.09 in
Dimension - Pad Width inch	0.37 in
Dimension - Strip Length inch	5/16
Dimension - Stud Size inch	#8;#10
Dimension - Z (inch)	0.26 in

### Electrical Ratings

Voltage - Maximum	600 V
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### Conductor Related

Conductor - Copper Str Aircraft Size	AN 12;AN 10
Conductor - Copper Str Aircraft Size Range	AN 12-AN 10
Conductor - Copper Str Size	12 AWG;10 AWG
Conductor - Copper Str Size Range	12 AWG-10 AWG
Conductor Size	12 - 10 AWG
Conductor Type	<ul style="list-style-type: none"> <li>• CU C Str Aircraft-Size</li> <li>• CU C Str-Size</li> </ul>

### Certifications And Compliance

Certification - CSA Approved	No
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	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**

Carton Quantity 50

**Product Assets**

Catalogs - BURNDY Master Catalog - Section B - Small  
Compression  
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog  
Interactive Catalog - BURNDY Full-Line Digital Catalog  
Product Cross Section Image(s) - BUR\_YAEV10BOX\_LineArt  
Sales Drawings - 50094163  
Specifications - YAEV10BOX



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