



## YAV10T7

by Burndy  
Catalog ID: YAV10T7

Copper Compression Lug, Heavy Duty, Ring Tongue, 1 Hole w/ Inspection Hole, 12-10 AWG/ 14 AWG(Str), #4-#6 Stud, Short Barrel, Tin Plated.

Features: Seamless Uninsulated Compression Heavy Duty Ring Tongue Terminal, HYLUG Type YAV Is A Seamless, Heavy Duty Uninsulated Compression Ring Tongue Terminal Manufactured From Pure Electrolytic Copper Tubing And Is For Use On Copper Commercial (Code) Cable, Type AN Aircraft Cable And Extra Flexible Conductors, Because Of Its Seamless Design, The YAV HYLUG Also Accommodates Solid Conductors, The Seamless Tubing Produces A Double Thick Tongue And A Strong Connector For Demanding Applications That Require High Reliability, Applications Include Industrials, Hospitals, Electric Utilities, Air Craft, Shipboard And Marine, Computers, Steel Mills, Mining Equipment And Other Equipment That Is Subject To Vibration Or Requiring Dependable Electrical Performance, Manufactured From Seamless Pure Electrolytic Copper Tubing: Provides 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: Provides 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: Provides Easy Cable Entry, Especially For Flexible Conductors, Inspection Hole: Provides Easy Visual Check For Proper Conductor Insertion, Electro-Tin Plated: Provides Long Lasting Durable Corrosion Resistance, Nickel Plating Available, Add NK Suffix: Nickel Plated HYLUG Provide High Temperature Applications Up To 650 DEG F Continuous Service And 750 DEG F Intermittent Service, The YAV-HYLUG Terminals Meet The Requirements Of SAE-AS7928, Package: Bulk, Installation Tool: Non-Ratchet: Y10D, Y10-22 Tool, Ratchet: Y8MRB-1, MR20, MR8G98, MR8-9Q Tool With N10HT, N10HT-24 Die, Wire Shroud: No, Wire Strip Length: 7/16 IN, Conductor Type: Solid, Commercial/Military Stranded Copper, Finish: Electro-Tin Plated, Tongue Angle: Straight

## Product Details

### General

Application	For Use On Copper Commercial (Code) Cable, Type AN Aircraft Cable And Extra Flexible Conductors, Industrials, Hospitals, Electric Utilities, Shipboard And Marine, Computers, Steel Mills, Mining Equipment And Other Equipment That Is Subject To Vibration Or Requiring Dependable Electrical Performance
Connector Type	Terminal - Ring
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Material	Copper
Military Specification	MS20659
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Ring
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLUG
Trade Name	HYLUG™
Type	Ring Tongue
UPC	781810025291

## Dimensions

Dimension - B Length fraction	2/5 in
Dimension - B Length inch	0.39 in
Dimension - D inch	0.42 in
Dimension - Hole Size fraction	1/7
Dimension - Length Overall inch	0.93 in
Dimension - N inch	0.16 in
Dimension - Outside Diameter inch	0.22 in
Dimension - Pad Width inch	0.31 in
Dimension - Stud Size inch	#4;#5;#6
Dimension - Z inch	0.24 in

## Conductor Related

Conductor - Copper Solid Size	12;11;10
Conductor - Copper Solid Size Range	12-10
Conductor - Copper Str Aircraft Size	AN 12;AN 10
Conductor - Copper Str Aircraft Size Range	AN 12-AN 10
Conductor - Copper Str Navy Size	6 (7);6 (19);9 (7);9 (37)
Conductor - Copper Str Navy Size Range	6 (7)-9 (37)
Conductor - Copper Str Size	12;10
Conductor - Copper Str Size Range	12-10
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	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	<ul style="list-style-type: none"><li>• UL467</li><li>• Military Specified (Mil-Spec)</li></ul>
Standards - Industry Standards Met	<ul style="list-style-type: none"><li>• UL467</li><li>• Military Specified (Mil-Spec)</li></ul>
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Minimum Pack Quantity	500
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**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)

