



## YAV27L1

by Burndy  
Catalog ID: YAV27L1

Copper Compression Lug, Ring Tongue, 1 Hole w/ Inspection Hole, AN-3/O Flex, 1/2" Stud, Short Barrel, Tin Plated.

Features: HYLUG Type YAV Is A Seamless, Heavy Duty Uninsulated Compression Terminal Manufactured From Electrolytic Copper And Is For Use On Type AN Aircraft Cable, Extra Flexible Conductors And Commercial (Code) Conductors, The Seamless Tubing Produces A Double Thick Tongue And Seamless Barrel Design Provides A Strong Connector For Demanding Applications Requiring High Reliability, Applications Include Aircraft, Industrials, Hospitals, Electric Utilities, Marine, Computers, And Other Equipment Subject To Vibration Or Requiring Dependable Electrical Performance, The YAV HYLUG Terminals Meet The Requirements Of SAE-AS7928 And Are Listed Per AS20659 For Use With Copper Aircraft Cable Per MIL-W-5086, The Benefits Of YAV-L Connectors Are The Same As YAV Connectors For Stranded Conductors, Installation Tool: HYTOOL: Non-Ratchet: MY28, MY29-11 Tool, Finish: Electro-Tin Plated, Wire Shroud: No, Ms20659 Dash Number: -122, Package: Bulk, Tools, Die Nest Catalog Number, Die Indentor Catalog Number: HYPRESS: Y35, Y39 Tool, UV27L Die Nest, Y35P3 Die Indentor, (1) Crimp, Y750 Tool, UV27L Die Nest, Y34PA Die Indentor, (1) Crimp, Conductor Type: Commercial/Military Stranded Copper, Die Index: 45, Tongue Angle: Straight, Wire Strip Length: 13/16 IN

## Product Details

### General

Application	For Use On Type AN Aircraft Cable, Extra Flexible Conductors And Commercial (Code) Conductors, Industrials, Hospitals, Electric Utilities, Marine, Computers, And Other Equipment Subject To Vibration Or Requiring Dependable Electrical Performance
Connector Type	Terminal
Die Index	45
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Material	Copper
Material Composition	<ul style="list-style-type: none"> <li>DLP Copper</li> <li>Tin Plating</li> </ul>
Military Specification	MS20659
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Ring
Plated	Y
Plating Type	Tin
Sub Brand	HYLUG
Trade Name	HYLUG™
Type	Ring Tongue
UPC	781810025758

### Dimensions

Dimension - B Length fraction	3/4 in
Dimension - B Length inch	0.78 in

Dimension - Bolt Hole Size inch	0.52 in
Dimension - Hole Size mm	13 mm
Dimension - Length Overall inch	2.45 in
Dimension - N inch	0.52 in
Dimension - Pad Width inch	1.03 in
Dimension - Strip Length inch	13/16
Dimension - Stud Size inch	1/2 in
Dimension - Z inch	0.52 in
Physical Attribute - Tongue Angle	Straight

### Conductor Related

Conductor - Copper Str Aircraft Size	AN 000
Conductor - Copper Str Size	3/0 AWG
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	100
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**For further technical assistance, please contact us**

**BURNDY Headquarters**  
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**Customer Service Hours:**  
8 AM - 8 PM Eastern Monday-Friday  
Emergency Service 24-hours/365 Days  
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