

# YAV27L1BOX, Uninsulated Ring Terminal For 3/0 AWG, 1-Hole, 1/2" Stud

By Burndy  
Catalog # [YAV27L1BOX](#)

Copper Tubing Ring Terminal, 3/0 AWG Flex, 1/2 IN Stud, 2.45 IN L, 1.03 IN W, Electro-Tin Plated.

## Features

- Manufactured from seamless pure electrolytic copper tubing to provide 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 structurally 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 for easy cable entry, especially for flexible conductors
- Inspection hole provides easy visual check for proper conductor insertion
- Electro-tin plated for a long lasting durable corrosion resistance

## Application

Industrials, Hospitals, Utilities, Marine, Computer

## General

Application - For Use On	Copper Commercial (Code) Cable, Type AN Aircraft Cable, Extra Flexible Conductors
Catalog Number	YAV27L1BOX
Die Index	45
EU RoHS Indicator	Yes
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	AS20659
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Ring
Plating Type	Tin
Sub Brand	HYLUG
Trade Name	HYLUG™



Type	Ring Tongue
UPC	781810540459
UPC 14 Digit GTIN	00781810540459

## Dimensions

Dimension - B Length fraction	3/4 in
Dimension - B Length inch	0.78 in
Dimension - Bolt Hole Size inch	0.52 in
Dimension - Bolt Size fraction	1/2
Dimension - Hole Size mm	13 mm
Dimension - N inch	0.52 in
Dimension - Pad Width inch	1.03 in
Dimension - Strip Length inch	13/16 in
Dimension - Stud Size inch	1/2
Dimension - Z (inch)	0.52 in
Physical Attribute - Tongue Angle	Straight

## Conductor Related

Conductor - Copper Str Aircraft Size	AN-3/0
Conductor - Copper Str Size	3/0 AWG
Conductor 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

Buy America(n) Qualified Industry Standard(s)	Contact Manufacturer
	<ul style="list-style-type: none"> <li>• UL467</li> <li>• Military Specified (Mil-Spec)</li> </ul>
Standards - Industry Standards Met	UL486
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Carton Quantity	10
Minimum Pack Quantity	1

## 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\_YAV-L-BOX\_LineArt  
Sales Drawings - 50094161\_E  
Specifications - YAV27L1BOX



**A Hubbell brand**

©2025 Hubbell Incorporated. All rights reserved  
BRDY-YAV27L1BOX-SPEC-EN | REV 7/2025