



YAV27L1, Uninsulated Ring Terminal For 3/0 AWG

By Burndy
Catalog # [YAV27L1](#)

Copper Compression Lug, Ring Tongue, 1 Hole w/ Inspection Hole, AN-3/0 Flex, 1/2" Stud, Short Barrel, 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

General

Application - For Use On	Copper Commercial (Code) Cable, Type AN Aircraft Cable, Extra Flexible Conductors
Catalog Number	YAV27L1
Connector Type	Ring Terminal
Die Index	45
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Standard
Material	Copper
Material Composition	• DLP Copper • Tin Plating
Military Specification	AS20659
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 - Bolt Size fraction	1/2
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 Size	3/0 AWG
Conductor Type	• CU C Solid-Size • CU C Str-Size

Certifications And Compliance

Buy American Compliant	Yes
Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	• UL467 • Military Specified (Mil-Spec)
Standards - Industry Standards Met	UL486
Standards - RoHS Compliance Status	CM
UL Listed	Yes

Logistics

Carton Quantity	100
Minimum Pack Quantity	100
Pallet Quantity	22200

Product Assets

[3D Models - YAV27L1_MODEL-IGES](#)

[3D Models - YAV27L1_MODEL-STEP](#)

[3D Models - YAV27L1_MODEL-PDF](#)

[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_YAV-L_LineArt](#)

[Sales Drawings - 50094161_E](#)

[Specifications - YAV27L1](#)



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
BRDY-YAV27L1-SPEC-EN | REV 10/2024