

## TN18516, Nylon Ring Terminal For 22 - 18 AWG

By Burndy  
Catalog # TN18516



Ring Tongue Copper Terminal, 12-10, Max. Insul.Dia. Accom.: .210, Color Code: Yellow, 5/16, 1.09 in L, .46 in W, 600 Volts Max., 105 Deg C Max.

### Features

- Integral one-piece copper barrel / insulation grip and wire strain relief design for improved physical strength characteristics over a multi-piece design
- Manufactured of pure electrolytic copper for maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Brazed seam provides a stronger barrel design, minimizes any possible splitting and eliminates folding
- Deep inner barrel serrations and smooth funnel entry for excellent conductivity and pullout strength values along with the easy wire insertion
- Insulation is locked in place, will not twist off, maintaining proper dielectric values
- Electro-tin plated for durable, long lasting resistance to identification
- Ring tongue provides a secure termination under the screw head that cannot be removed without complete removal of the screw, allowing two or more terminals to be stacked on a common stud

### Application

For Heavy Duty Industrial, Utility And Military Power And Control-Circuit Applications

### General

Catalog Number	TN18516
Color Code	Red
Connector Type	Ring Terminal
EU RoHS Indicator	Yes
Feature - Barrel Style	Shrouded
Insulation	Y
Insulation Type	Nylon
Material	Copper
Military Specification	MS25036
Physical Attribute - Number of Holes	1
Physical Attribute - Tongue Type	Ring
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	INSULUG

Trade Name	INSULUG™
Type	Ring Tongue
UPC	781810734889

### Dimensions

Cable Insulation Diameter Maximum	0.12 in
Dimension - Bolt Size fraction	5/16
Dimension - L Length Overall mm	28 mm
Dimension - Length Overall inch	1.09 in
Dimension - Pad Width inch	0.46 in
Dimension - Strip Length inch	7/32
Dimension - Stud Size inch	5/16
Dimension - Z (inch)	0.41 in

### Electrical Ratings

Voltage - Maximum	600 V
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### Conductor Related

Conductor - Copper Solid Size	20 ;18 AWG
Conductor - Copper Solid Size Range	20 -18 AWG
Conductor - Copper Str Size	20 AWG;18 AWG
Conductor - Copper Str Size Range	20 AWG-18 AWG
Conductor Range	#22 AWG to #18 AWG
Conductor Size	22 - 18 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)	UL486
Standards - Industry Standards	UL486
Met	
Standards - RoHS Compliance Status	CM

UL Listed Yes

**Logistics**

Carton Quantity 1200  
Pallet Quantity 99999

**Product Assets**

Catalogs - BURNDY Master Catalog - Section B - Small Compression  
Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog  
Customer Notices - Prop 65 Notice  
Interactive Catalog - BURNDY Full-Line Digital Catalog  
Product Cross Section Image(s) - BUR\_TN186\_LineArt  
Sales Drawings - 50094155  
Specifications - TN18516

