Standard Grounding Kit for 1/4 in and 3/8 in corrugated coaxial cable, CNT-300 and CNT-400 braided cable, and elliptical waveguide 240 and 380

Product Classification

Product Type: Grounding kit
Ordering Note: CommScope® standard product in the United States and Canada

General Specifications

| Bonding Conductor Jacketing Material | PVC |
| Bonding Conductor Material          | Copper |
| Bonding Conductor Wire Size         | 6 gauge |
| Cable Type                          | Braided | Corrugated | Elliptical waveguide |
| Color                               | Black |
| Grounding Kit Type                  | Standard Grounding Kits |
| Grounding Strap Material            | Tinned copper |
| Lug Attachment                      | Field attached |
| Lug Type                            | One-hole lug |
| Thread Size                         | 3/8 in |

Dimensions

| Bonding Conductor Length            | 1524 mm | 60 in |
| Cable Jacketing Removal Length, maximum | 58.42 mm | 2.3 in |
| Cable Jacketing Removal Length, minimum | 55.88 mm | 2.2 in |
| Compatible Diameter, maximum        | 9.652 mm | 0.38 in |
| Compatible Diameter, minimum        | 6.223 mm | 0.245 in |
| Nominal Size                        | 1/4 in | 3/8 in |
| Waveguide Size                      | WR28 | WG22 | R320 | WR42 | WG20 | R220 |

Electrical Specifications
Current Handling
Tested to withstand 100,000 amps peak current surge

Current Handling Test Method
MIL-STD-1757

Grounding, Bonding and Shielding Test Method
MIL-STD-188-124A

Lightning Protection Test Method
IEC 1024-1

Material Specifications

Rivet Material
Copper

Environmental Specifications

Operating Temperature
-40 °C to +85 °C (-40 °F to +185 °F)

Storage Temperature
-40 °C to +80 °C (-40 °F to +176 °F)

Blowing Rain Test Method
MIL-STD-810, Method 506

Corrosion Test Method
MIL-STD-1344, Method 1001

Freezing Rain/Icing Test Method
MIL-STD-810, Method 521

Humidity Test Method
MIL-STD-1344, Method 1002

Immersion Test Method
IEC 60529:2001, IP68

UV Resistance Test Method
MIL-STD-810, Method 505

Vibration Test Method
MIL-STD-202, Method 214

Weatherproofing Method
Butyl and electric tape

Packaging and Weights

Height, packed
266.7 mm | 10.5 in

Width, packed
175.26 mm | 6.9 in

Length, packed
58.42 mm | 2.3 in

Included
Grounding kit | Hardware | Lug | One roll of 2-1/2 in butyl rubber tape | One roll of 3/4 in PVC tape

Packaging quantity
1

Weight, gross
0.34 kg | 0.75 lb

Regulatory Compliance/Certifications

Agency                  Classification
ISO 9001:2015          Designed, manufactured and/or distributed under this quality management system
REACH-SVHC             Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS                  Compliant
Included Products

42615-10 — Butyl Rubber Tape, 24 in
9905-71 — Black 2 in PVC Tape, 20 ft

* Footnotes

**Grounding, Bonding and Shielding Test Method**

Military Standard for Grounding, Bonding, and Shielding: Bond Resistance Requirement of a Maximum dc resistance of 0.001 ohm

**Lightning Protection Test Method**

Protection Against Lightning Electromagnetic Impulse, Table 1—Protection Level III–IV, 1995-02