Standard Grounding Kit for 1-5/8 in corrugated coaxial cable and elliptical waveguide 52 and 63

Product Classification

Product Type: Grounding kit
Ordering Note: CommScope® non-standard product

General Specifications

Bonding Conductor Jacketing Material: PVC
Bonding Conductor Material: Copper
Bonding Conductor Wire Size: 6 gauge
Cable Type: Corrugated | Elliptical waveguide
Color: Black
Grounding Kit Type: Standard Grounding Kits
Grounding Strap Material: Copper
Lug Attachment: Field attached
Lug Type: Two-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: 50.8 mm | 2 in
Compatible Diameter, minimum: 49.022 mm | 1.93 in
Nominal Size: 1-5/8 in
Waveguide Size: WR137 | WG14 | R70 | WR159 | WG13 | R58

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 | 363.22 mm | 14.3 in
Width, packed | 261.62 mm | 10.3 in
Length, packed | 63.5 mm | 2.5 in
Included | Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of 24 in butyl rubber tape
Packaging quantity | 1
Weight, gross | 0.83 kg | 1.83 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