Standard Grounding Kit for 1/4 in and 3/8 in corrugated coaxial cable and elliptical waveguide 240 and 380

Product Classification

Product Type
Grounding kit

Ordering Note
CommScope® standard product in Mexico, Central America, and South America

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
Factory attached

Lug Type
Two-hole lug

Thread Size
3/8 in

Dimensions

Bonding Conductor Length
609.6 mm  |  24 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
254 mm  |  10 in

Width, packed
152.4 mm  |  6 in

Length, packed
50.8 mm  |  2 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
0.26 kg  |  0.573 lb

Regulatory Compliance/Certifications

Agency
CHINA-ROHS
ISO 9001:2015

Classification
Below maximum concentration value
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