Standard Grounding Kit for 4 in corrugated coaxial cable and elliptical waveguide 17 and 20

Product Classification

**Product Type**  
Grounding kit

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**  
104.14 mm | 4.1 in

**Compatible Diameter, minimum**  
93.726 mm | 3.69 in

**Nominal Size**  
4 in

**Waveguide Size**  
WR430 | WG8 | R22

Electrical Specifications

**Current Handling**  
Tested to withstand 100,000 amps peak current surge
Current Handling Test Method
Grounding, Bonding and Shielding Test Method
Lightning Protection Test Method

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
447.04 mm | 17.6 in
Width, packed
396.24 mm | 15.6 in
Length, packed
177.8 mm | 7 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
0.74 kg | 1.631 lb

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