



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

204989-6

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
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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	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