

Standard Grounding Kit for elliptical waveguide 43



OBSOLETE

Replaced By:

223700-724

Standard Grounding Kit for 2-1/4 in and 3 in corrugated coaxial cable and elliptical waveguide 28 and 37

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	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	914.4 mm 36 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	76.454 mm 3.01 in

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Compatible Diameter, minimum	58.674 mm 2.31 in
Waveguide Size	WR187 WG12 R48
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	266.7 mm 10.5 in
Length, packed	58.42 mm 2.3 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	0.81 kg 1.786 lb
Regulatory Compliance/Certifications	

Agency

ISO 9001:2015



Classification

Designed, manufactured and/or distributed under this quality management system

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