



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

Product Classification

Product Type Grounding kit

Dimensions

Nominal Size 4 in
Waveguide Size WR430 | WG8 | R22
Bonding Conductor Length 609.6 mm | 24 in
Cable Jacketing Removal Length, maximum 59.1 mm | 2.3 in
Cable Jacketing Removal Length, minimum 55.9 mm | 2.2 in
Compatible Diameter, maximum 104.140 mm | 4.100 in
Compatible Diameter, minimum 93.726 mm | 3.690 in

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

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)
Weatherproofing Method Butyl and electric tape

General Specifications

Grounding Kit Type Standard Grounding Kits
Cable Type Corrugated | Elliptical waveguide
Color Black
Bonding Conductor Material Copper
Bonding Conductor Wire Size 6 gauge
Bonding Conductor Jacketing Material PVC
Grounding Strap Material Copper
Includes Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of

Lug Attachment	24 in butyl rubber tape
Lug Type	Factory attached
Package Quantity	Two-hole lug
Rivet Material	1
	Copper

Mechanical Specifications

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
Thread Size	3/8 in
UV Resistance Test Method	MIL-STD-810, Method 505
Vibration Test Method	MIL-STD-202, Method 214

Packed Dimensions

Height	447.5 mm 17.6 in
Length	177.8 mm 7.0 in
Shipping Weight	0.74 kg 1.64 lb
Width	395.2 mm 15.6 in

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



Included Products

- 9905-71 — Black 2 in PVC Tape, 20 ft
- 42615-10 — Butyl Rubber Tape, 24 in

* 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