



Standard Grounding Kit for 1-5/8 in corrugated coaxial cable and elliptical waveguide 52 and 63

Product Classification

Product Type

Grounding kit

Dimensions

Nominal Size

1-5/8 in

Waveguide Size

WR137 | WG14 | R70 | WR159 | WG13 | R58

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

50.800 mm | 2.000 in

Compatible Diameter, minimum

49.022 mm | 1.930 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

Ordering Note

CommScope® non-standard product

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 24 in butyl rubber tape
Lug Attachment	Factory attached
Lug Type	Two-hole lug
Package Quantity	1
Rivet Material	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	304.8 mm 12.0 in
Length	25.4 mm 1.0 in
Shipping Weight	0.72 kg 1.58 lb
Width	279.4 mm 11.0 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

