



Standard Grounding Kit for 1/4 to 3/8 in corrugated coaxial cable

OBSOLETE

Replaced By

223158-2

Standard Grounding Kit for 1/4 in and 3/8 in corrugated coaxial cable and elliptical waveguide 240 and 380

Product Classification

Product Type Grounding kit

Dimensions

Nominal Size	1/4 in 3/8 in
Bonding Conductor Length	1524.0 mm 60 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	15.494 mm 0.610 in

Electrical Specifications

Current Handling	Tested to withstand 130,000 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
Ordering Note	CommScope® non-standard product

Color	Black
Bonding Conductor Material	Copper
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	One-hole lug, screw on
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	368.3 mm 14.5 in
Length	76.2 mm 3.0 in
Shipping Weight	0.51 kg 1.12 lb
Width	266.7 mm 10.5 in

Included Products

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