Product Specifications

COMMSCOPE®

SGL7-15B4

SureGround® Grounding Kit for 1-5/8 in corrugated coaxial cable

OBSOLETE

Replaced By:

SG158-12B2U	SureGround® Grounding Kit for 1-5/8 in coaxial cable

CHARACTERISTICS

Dimensions

Nominal Size	1-5/8 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	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

General Specifications

Cable Type	Corrugated
Grounding Kit Type	SureGround™ Grounding Kits
Brand	SureGround™
Color	Black
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Bonding Conductor Jacketing Material	PE
Grounding Strap Material	Copper
Includes	Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of 24 in butyl rubber tape
Locking Bail Material	Stainless steel

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Lug Attachment	Field attached
Lug Type	Two-hole lug
Package Quantity	1
Rivet Material	Copper
Weatherproofing Method	Butyl and electric tape

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
Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
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	0.90 kg | 1.98 lb
Width	279.4 mm | 11.0 in

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