

SGPL4-06B2



SureGround® Plus Grounding Kit for 1/2 in corrugated coaxial cable

OBSOLETE

This product was discontinued on: **October 1, 2013**

Replaced By:

CSG12-06B1A	SureGround® Universal Compact Grounding Kit for 1/2 in corrugated and smoothwall coaxial cable
CSG12-12B2U	SureGround® Universal Compact Grounding Kit for 1/2 in corrugated and smoothwall coaxial cable
CSGL4-06B2	SureGround® Compact Grounding Kit for 1/2 in corrugated coaxial cable

Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
Ordering Note	CommScope® non-standard product

General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Cable Type	Corrugated
Color	Black
Grounding Kit Type	SureGround® Plus Grounding Kits
Grounding Strap Material	Copper
Lug Attachment	Factory attached
Lug Type	Two-hole lug
Thread Size	3/8 in

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Dimensions

Bonding Conductor Length	609.6 mm 24 in
Cable Jacketing Removal Length, maximum	58.42 mm 2.3 in
Cable Jacketing Removal Length, minimum	55.88 mm 2.2 in
Enclosure Length	127 mm 5 in
Compatible Diameter, maximum	16.51 mm 0.65 in
Compatible Diameter, minimum	15.494 mm 0.61 in
Nominal Size	1/2 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

Material Specifications

Locking Bail Material	Stainless steel
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	EPDM rubber boot

Packaging and Weights

Height, packed	269.24 mm 10.6 in
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Width, packed	58.42 mm 2.3 in
Length, packed	177.8 mm 7 in
Included	Boot Grounding kit Hardware Lug
Packaging quantity	1
Weight, gross	0.44 kg 0.97 lb

* 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