



**SGL6-10B2**  
**SureGround® Grounding Kit for 1-1/4 in corrugated coaxial cable**

## Dimensions

Nominal Size	1-1/4 in
Bonding Conductor Length	914.4 mm   36 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	40.132 mm   1.580 in
Compatible Diameter, minimum	38.354 mm   1.510 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™
Ordering Note	CommScope® non-standard product
	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
Locking Bail Material	Stainless steel
Lug Attachment	Factory attached
Lug Type	Two-hole lug
Package Quantity	1
Rivet Material	Copper

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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	290.8 mm		11.5 in
Length	177.8 mm		7.0 in
Shipping Weight	0.71 kg		1.56 lb
Width	55.9 mm		2.2 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