



## SG12-06B2A

**SureGround® Grounding Kit for 1/2 in coaxial cable**

### Dimensions

Nominal Size	1/2 in
Bonding Conductor Length	609.6 mm   24 in
Cable Jacketing Removal Length, maximum	38.1 mm   1 1/2 in
Cable Jacketing Removal Length, minimum	38.1 mm   1 1/2 in
Compatible Diameter, maximum	16.510 mm   0.650 in
Compatible Diameter, minimum	15.494 mm   0.610 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   Smoothwall
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	Tinned 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	Tinned 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

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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	447.0 mm   17.6 in
Length	177.8 mm   7.0 in
Shipping Weight	0.59 kg   1.30 lb
Width	395.2 mm   15.6 in

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	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 III–IV, 1995-02