



## SG78-06B2A

**SureGround® Grounding Kit for 7/8 in coaxial cable**

### Product Classification

Brand	SureGround®
Product Type	Grounding kit

### Dimensions

Nominal Size	7/8 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	28.702 mm   1.130 in
Compatible Diameter, minimum	26.670 mm   1.050 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™
Harmonized System (HS) Code	854420 (Coaxial cable and other coaxial electric conductors)
Ordering Note	CommScope® standard product in Asia Pacific   CommScope® standard product in Europe, the Middle East, and Africa   CommScope® standard product in Mexico, Central America, and South America
Color	Black
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Bonding Conductor Jacketing Material	PVC
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

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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   M10
UV Resistance Test Method	MIL-STD-810, Method 505
Vibration Test Method	MIL-STD-202, Method 214

## Packed Dimensions

Height	228.6 mm   9.0 in
Length	57.2 mm   2.3 in
Shipping Weight	0.62 kg   1.37 lb
Width	215.9 mm   8.5 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