

SG78-06B2A

SureGround® Grounding Kit for 7/8 in coaxial cable



Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
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

General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Cable Type	Corrugated Smoothwall
Color	Black
Grounding Kit Type	SureGround® Grounding Kits
Grounding Strap Material	Tinned copper
Harmonized System (HS) Code	854420 (Coaxial cable and other coaxial electric conductors)
Lug Attachment	Factory attached
Lug Type	Two-hole lug
Thread Size	3/8 in M10

Dimensions

Bonding Conductor Length	609.6 mm 24 in
Cable Jacketing Removal Length, maximum	38.1 mm 1.5 in
Cable Jacketing Removal Length, minimum	38.1 mm 1.5 in
Compatible Diameter, maximum	28.702 mm 1.13 in
Compatible Diameter, minimum	26.67 mm 1.05 in

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Nominal Size 7/8 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 Tinned 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 Butyl and electric tape

Packaging and Weights

Height, packed 228.6 mm | 9 in

Width, packed 215.9 mm | 8.5 in

Length, packed 58.42 mm | 2.3 in

Included Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of 24 in butyl rubber tape

Packaging quantity 1

Weight, gross 0.62 kg | 1.367 lb

Regulatory Compliance/Certifications

Agency **Classification**

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CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



Included Products

42615-10 — Butyl Rubber Tape, 24 in

9905-71 — Black 2 in PVC Tape, 20 ft

* 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