



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

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)
Weatherproofing Method	Butyl and electric tape

General Specifications

Grounding Kit Type	SureGround® Grounding Kits
Cable Type	Corrugated Smoothwall
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

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
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