



SureGround® Grounding Kit for 1/2 in coaxial cable

Product Classification

Brand	SureGround®
Product Type	Grounding kit

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

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
Brand	SureGround™
Ordering Note	CommScope® standard product (Global)
Color	Black
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Bonding Conductor Jacketing Material	PVC

Grounding Strap Material

Includes

Tinned copper

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

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

ISO 9001:2008

Classification

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