



SureGround® Grounding Kit for 1-1/4 in coaxial cable

Product Classification

Brand	SureGround®
Product Type	Grounding kit

Dimensions

Nominal Size	1-1/4 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	40.132 mm   1.580 in
Compatible Diameter, minimum	38.354 mm   1.510 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
Ordering Note	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

<b>Bonding Conductor Jacketing Material</b>	PVC
<b>Grounding Strap Material</b>	Tinned copper
<b>Includes</b>	Grounding kit   Hardware   Lug   One roll of 2 in PVC tape   One roll of 24 in butyl rubber tape
<b>Locking Bail Material</b>	Stainless steel
<b>Lug Attachment</b>	Factory attached
<b>Lug Type</b>	Two-hole lug
<b>Package Quantity</b>	1
<b>Rivet Material</b>	Tinned copper

## Mechanical Specifications

<b>Blowing Rain Test Method</b>	MIL-STD-810, Method 506
<b>Corrosion Test Method</b>	MIL-STD-1344, Method 1001
<b>Freezing Rain/Icing Test Method</b>	MIL-STD-810, Method 521
<b>Humidity Test Method</b>	MIL-STD-1344, Method 1002
<b>Immersion Test Method</b>	IEC 60529:2001, IP68
<b>Thread Size</b>	3/8 in
<b>UV Resistance Test Method</b>	MIL-STD-810, Method 505
<b>Vibration Test Method</b>	MIL-STD-202, Method 214

## Packed Dimensions

<b>Height</b>	290.8 mm   11.5 in
<b>Length</b>	177.8 mm   7.0 in
<b>Shipping Weight</b>	0.62 kg   1.36 lb
<b>Width</b>	55.9 mm   2.2 in

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	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

<b>Grounding, Bonding and Shielding Test Method</b>	Military Standard for Grounding, Bonding, and Shielding: Bond Resistance Requirement of a Maximum dc resistance of 0.001 ohm
<b>Lightning Protection Test Method</b>	Protection Against Lightning Electromagnetic Impulse, Table 1—Protection Level III–IV, 1995-02