SG114-12B2U

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	1219.2 mm | 48 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 Asia Pacific | CommScope® standard product in the United States and Canada
Color	Black
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Bonding Conductor Jacketing Material	PVC

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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	Field 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	290.8 mm | 11.5 in
Length	177.8 mm | 7.0 in
Shipping Weight	0.62 kg | 1.36 lb
Width	55.9 mm | 2.2 in

Regulatory Compliance/Certifications

Agency	Classification
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

Grounding, Bonding and Shielding Test Method Military Standard for Grounding, Bonding, and Shielding: Bond Resistance

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	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

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