

SG12-06B2A

SureGround® Grounding Kit for 1/2 in coaxial cable



Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
Ordering Note	CommScope® standard product (Global)

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
Lug Attachment	Factory attached
Lug Type	Two-hole lug
Thread Size	3/8 in

Dimensions

Bonding Conductor Length	24 in 609.6 mm
Cable Jacketing Removal Length, maximum	1.5 in 38.1 mm
Cable Jacketing Removal Length, minimum	1.5 in 38.1 mm
Compatible Diameter, maximum	0.65 in 16.51 mm
Compatible Diameter, minimum	0.61 in 15.494 mm
Nominal Size	1/2 in

Electrical Specifications

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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

17.6 in | 447.04 mm

Width, packed

15.6 in | 396.24 mm

Length, packed

7 in | 177.8 mm

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

0.59 kg | 1.301 lb

Regulatory Compliance/Certifications

Agency

Classification

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

SG12-06B2A

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