SGL4-10B2

SureGround® Grounding Kit for 1/2 in corrugated coaxial cable

OBSOLETE

Replaced By:

SGL4-15B4	SureGround® Grounding Kit for 1/2 in corrugated coaxial cable
SGL4-15S4	SureGround® Grounding Kit for 1/2 in corrugated coaxial cable

Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
Ordering Note	CommScope® non-standard product

General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Cable Type	Corrugated
Color	Black
Grounding Kit Type	SureGround® Grounding Kits
Grounding Strap Material	Copper
Lug Attachment	Factory attached
Lug Type	Two-hole lug
Thread Size	3/8 in

Dimensions

Bonding Conductor Length	914.4 mm | 36 in

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 9, 2023

Cable Jacketing Removal Length, maximum	58.42 mm | 2.3 in
Cable Jacketing Removal Length, minimum	55.88 mm | 2.2 in
Compatible Diameter, maximum	16.51 mm | 0.65 in
Compatible Diameter, minimum	15.494 mm | 0.61 in
Nominal Size	1/2 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

Material Specifications

Locking Bail Material	Stainless steel
Rivet Material	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	304.8 mm | 12 in
Width, packed	279.4 mm | 11 in
Length, packed	25.4 mm | 1 in
Included	Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of 24 in butyl rubber tape

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 9, 2023

COMMSCOPE®

SGL4-10B2

Packaging quantity	1
Weight, gross	0.6 kg | 1.323 lb

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

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 9, 2023