



SureGround® Compact Grounding Kit for 1/4 in corrugated coaxial cable

OBSOLETE

This product was discontinued on: **October 1, 2013**

Replaced By

223158-4

Standard Grounding Kit for 1/4 in and 3/8 in corrugated coaxial cable, CNT-300 and CNT-400 braided cable, and elliptical waveguide 240 and 380

Product Classification

Brand	SureGround®
Product Type	Grounding kit

Dimensions

Nominal Size	1/4 in
Bonding Conductor Length	914.4 mm 36 in
Cable Jacketing Removal Length, maximum	59.1 mm 2.3 in
Cable Jacketing Removal Length, minimum	55.9 mm 2.2 in
Compatible Diameter, maximum	8.890 mm 0.350 in
Compatible Diameter, minimum	6.223 mm 0.245 in
Enclosure Length	30.0 mm 1.2 in
Enclosure Width	19.1 mm 3/4 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	Copper strap contact overmolded with EPDM rubber

CSGL1-10B2

General Specifications

Grounding Kit Type	Compact SureGround® Grounding Kits
Cable Type	Corrugated
Ordering Note	CommScope® non-standard product
Color	Black
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	16 mm ²
Bonding Conductor Jacketing Material	PVC
Grounding Strap Material	Copper
Includes	Grounding kit Hardware Lug
Locking Bail Material	Stainless steel
Lug Attachment	Factory attached
Lug Type	Two-hole lug
Package Quantity	1
Rivet Material	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	304.8 mm 12.0 in
Length	25.4 mm 1.0 in
Shipping Weight	0.35 kg 0.77 lb
Width	279.4 mm 11.0 in

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



* 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