

CSG158-06B1A



SureGround® Universal Compact Grounding Kit for 1-5/8 in corrugated and smoothwall coaxial cable

Product Classification

Brand	SureGround®
Product Type	Grounding kit

Dimensions

Nominal Size	1-5/8 in
Bonding Conductor Length	609.6 mm 24 in
Compatible Diameter, maximum	50.978 mm 2.007 in
Compatible Diameter, minimum	49.708 mm 1.957 in
Enclosure Length	61.0 mm 2.4 in
Enclosure Width	58.4 mm 2.3 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	Tinned copper strap contact overmolded with EPDM rubber

General Specifications

Grounding Kit Type	Compact SureGround® Grounding Kits
Cable Type	Corrugated Smoothwall
Ordering Note	CommScope® standard product in Asia Pacific 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	16 mm ²
Bonding Conductor Jacketing Material	PVC

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Grounding Strap Material	Tinned copper
Includes	Grounding kit Hardware Lug
Locking Bail Material	Stainless steel
Lug Attachment	Factory attached
Lug Type	One-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	260.4 mm 10.3 in
Length	82.6 mm 3.3 in
Shipping Weight	0.29 kg 0.63 lb
Width	203.2 mm 8.0 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