



## CSG12-12B2U

**SureGround® Universal Compact Grounding Kit for 1/2 in corrugated and smoothwall coaxial cable**

### Product Classification

Brand	SureGround®
Product Type	Grounding kit

### Dimensions

Nominal Size	1/2 in
Bonding Conductor Length	1143.0 mm   45 in
Compatible Diameter, maximum	16.256 mm   0.640 in
Compatible Diameter, minimum	15.367 mm   0.605 in
Enclosure Length	55.9 mm   2.2 in
Enclosure Width	25.4 mm   1 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
Brand	SureGround™
Ordering Note	CommScope® standard product in the United States and Canada
Color	Black
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	16 mm <sup>2</sup>
Bonding Conductor Jacketing Material	PVC
Grounding Strap Material	Tinned copper
Includes	Grounding kit   Hardware   Lug
Locking Bail Material	Stainless steel
Lug Attachment	Field attached
Lug Type	Two-hole lug
Package Quantity	1

CSG12-12B2U

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	304.8 mm   12.0 in
Length	25.4 mm   1.0 in
Shipping Weight	0.23 kg   0.51 lb
Width	279.4 mm   11.0 in

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	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