

# CSG12-06B1A



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

## Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
Ordering Note	CommScope® standard product in Europe, the Middle East, and Africa   CommScope® standard product in Mexico, Central America, and South America

## General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	16 mm <sup>2</sup>
Cable Type	Corrugated   Smoothwall
Color	Black
Grounding Kit Type	Compact SureGround® Grounding Kits
Grounding Strap Material	Tinned copper
Lug Attachment	Factory attached
Lug Type	One-hole lug
Thread Size	3/8 in

## Dimensions

Enclosure Width	25.4 mm   1 in
Bonding Conductor Length	609.6 mm   24 in
Enclosure Length	55.88 mm   2.2 in
Compatible Diameter, maximum	16.256 mm   0.64 in
Compatible Diameter, minimum	15.367 mm   0.605 in
Nominal Size	1/2 in

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## Electrical Specifications

<b>Current Handling</b>	Tested to withstand 100,000 amps peak current surge
<b>Current Handling Test Method</b>	MIL-STD-1757
<b>Grounding, Bonding and Shielding Test Method</b>	MIL-STD-188-124A
<b>Lightning Protection Test Method</b>	IEC 1024-1

## Material Specifications

<b>Locking Bail Material</b>	Stainless steel
<b>Rivet Material</b>	Tinned copper

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +85 °C (-40 °F to +185 °F)
<b>Storage Temperature</b>	-40 °C to +80 °C (-40 °F to +176 °F)
<b>Blowing Rain Test Method</b>	MIL-STD-810, Method 506
<b>Corrosion Test Method</b>	MIL-STD-1344, Method 1001
<b>Freezing Rain/Icing Test Method</b>	MIL-STD-810, Method 521
<b>Humidity Test Method</b>	MIL-STD-1344, Method 1002
<b>Immersion Test Method</b>	IEC 60529:2001, IP68
<b>UV Resistance Test Method</b>	MIL-STD-810, Method 505
<b>Vibration Test Method</b>	MIL-STD-202, Method 214
<b>Weatherproofing Method</b>	Tinned copper strap contact overmolded with EPDM rubber

## Packaging and Weights

<b>Height, packed</b>	304.8 mm   12 in
<b>Width, packed</b>	279.4 mm   11 in
<b>Length, packed</b>	25.4 mm   1 in
<b>Included</b>	Grounding kit   Hardware   Lug
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	0.23 kg   0.507 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant



\* Footnotes

<b>Grounding, Bonding and Shielding Test Method</b>	Military Standard for Grounding, Bonding, and Shielding: Bond Resistance Requirement of a Maximum dc resistance of 0.001 ohm
<b>Lightning Protection Test Method</b>	Protection Against Lightning Electromagnetic Impulse, Table 1—Protection Level III–IV, 1995-02