

# 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 (Global)

## General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	16 mm²
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

## Electrical Specifications

Current Handling	Tested to withstand 100,000 amps peak current surge
Current Handling Test Method	MIL-STD-1757

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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	Tinned 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	Tinned copper strap contact overmolded with EPDM rubber

## 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
Packaging quantity	1
Weight, gross	0.23 kg   0.507 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-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