

# CSG158-12B2U



SureGround® Universal Compact Grounding Kit for 1-5/8 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 mm <sup>2</sup>
Cable Type	Corrugated   Smoothwall
Color	Black
Grounding Kit Type	Compact SureGround® Grounding Kits
Grounding Strap Material	Tinned copper
Lug Attachment	Field attached
Lug Type	Two-hole lug
Thread Size	3/8 in

## Dimensions

Enclosure Width	58.42 mm   2.3 in
Bonding Conductor Length	1143 mm   45 in
Enclosure Length	60.96 mm   2.4 in
Compatible Diameter, maximum	50.978 mm   2.007 in
Compatible Diameter, minimum	49.708 mm   1.957 in
Nominal Size	1-5/8 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>	261.62 mm   10.3 in
<b>Width, packed</b>	203.2 mm   8 in
<b>Length, packed</b>	83.82 mm   3.3 in
<b>Included</b>	Grounding kit   Hardware   Lug
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	0.29 kg   0.639 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value

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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