

# CSG158-12B2U



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

## Product Classification

<b>Product Type</b>	Grounding kit
<b>Product Brand</b>	SureGround®
<b>Ordering Note</b>	ANDREW® standard product (Global)

## General Specifications

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

## Dimensions

<b>Enclosure Width</b>	58.42 mm   2.3 in
<b>Bonding Conductor Length</b>	1143 mm   45 in
<b>Enclosure Length</b>	60.96 mm   2.4 in
<b>Compatible Diameter, maximum</b>	50.978 mm   2.007 in
<b>Compatible Diameter, minimum</b>	49.708 mm   1.957 in
<b>Nominal Size</b>	1-5/8 in

## Electrical Specifications

<b>Current Handling</b>	Tested to withstand 100,000 amps peak current surge
<b>Current Handling Test Method</b>	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** 261.62 mm | 10.3 in

**Width, packed** 203.2 mm | 8 in

**Length, packed** 83.82 mm | 3.3 in

**Included** Grounding kit | Hardware | Lug

**Packaging quantity** 1

**Weight, gross** 0.29 kg | 0.639 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.andrew.com/ProductCompliance">www.andrew.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