

CSG12-12B2U



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 | ANDREW® standard product (Global) |

General Specifications

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|--------------------------------------|------------------------------------|
| Bonding Conductor Jacketing Material | PVC |
| Bonding Conductor Material | Copper |
| Bonding Conductor Wire Size | 16 mm ² |
| 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

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|------------------------------|----------------------|
| Enclosure Width | 25.4 mm 1 in |
| Bonding Conductor Length | 1143 mm 45 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

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|---|---|
| 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 |

Material Specifications

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|------------------------------|-----------------|
| Locking Bail Material | Stainless steel |
| Rivet Material | Tinned copper |

Environmental Specifications

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| 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

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|---------------------------|--------------------------------|
| 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 |

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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 www.andrew.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



* Footnotes

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| 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 |