

# CSG78-12B2U



SureGround® Universal Compact Grounding Kit for 7/8 in corrugated and smoothwall coaxial cable

## Product Classification

|               |   |
|---------------|---|
| Product Type  | Grounding kit   |
| Product Brand | SureGround®   |
| Ordering Note | CommScope® standard product in the United States and Canada |

## General Specifications

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Bonding Conductor Jacketing Material | PVC                                |
| Bonding Conductor Material           | Copper                             |
| Bonding Conductor Wire Size          | 6 gauge                            |
| 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              | 40.64 mm   1.6 in    |
| Bonding Conductor Length     | 1143 mm   45 in      |
| Enclosure Length             | 63.5 mm   2.5 in     |
| Compatible Diameter, maximum | 28.372 mm   1.117 in |
| Compatible Diameter, minimum | 27.559 mm   1.085 in |
| Nominal Size                 | 7/8 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>     | 447.04 mm   17.6 in            |
| <b>Width, packed</b>      | 396.24 mm   15.6 in            |
| <b>Length, packed</b>     | 68.58 mm   2.7 in              |
| <b>Included</b>           | Grounding kit   Hardware   Lug |
| <b>Packaging quantity</b> | 1                              |
| <b>Weight, gross</b>      | 0.45 kg   0.992 lb             |

## Regulatory Compliance/Certifications

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

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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                               |