

# CSGL6-10B2



SureGround® Compact Grounding Kit for 1-1/4 in corrugated coaxial cable

## **OBSOLETE**

### **Replaced By**

CSGL6-15B4

SureGround® Compact Grounding Kit for 1-1/4 in corrugated coaxial cable

## Product Classification

|                     |               |
|---------------------|---------------|
| <b>Brand</b>        | SureGround®   |
| <b>Product Type</b> | Grounding kit |

## Dimensions

|  |                      |
|--|----------------------|
| <b>Nominal Size</b>                            | 1-1/4 in             |
| <b>Bonding Conductor Length</b>                | 914.4 mm   36 in     |
| <b>Cable Jacketing Removal Length, maximum</b> | 59.1 mm   2.3 in     |
| <b>Cable Jacketing Removal Length, minimum</b> | 55.9 mm   2.2 in     |
| <b>Compatible Diameter, maximum</b>            | 40.132 mm   1.580 in |
| <b>Compatible Diameter, minimum</b>            | 38.354 mm   1.510 in |
| <b>Enclosure Length</b>                        | 80.0 mm   3.2 in     |
| <b>Enclosure Width</b>                         | 59.2 mm   2.3 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  |
| <b>Grounding, Bonding and Shielding Test Method</b> | MIL-STD-188-124A                                    |
| <b>Lightning Protection Test Method</b>             | IEC 1024-1  |

## 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>Weatherproofing Method</b> | Copper strap contact overmolded with EPDM rubber |

## General Specifications

|                           |                                    |
|---------------------------|------------------------------------|
| <b>Grounding Kit Type</b> | Compact SureGround® Grounding Kits |
|---------------------------|------------------------------------|

# CSGL6-10B2

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|   |                                 |
|---|---------------------------------|
| <b>Cable Type</b>                           | Corrugated                      |
| <b>Ordering Note</b>                        | CommScope® non-standard product |
| <b>Color</b>                                | Black                           |
| <b>Bonding Conductor Material</b>           | Copper                          |
| <b>Bonding Conductor Wire Size</b>          | 16 mm <sup>2</sup>              |
| <b>Bonding Conductor Jacketing Material</b> | PVC                             |
| <b>Grounding Strap Material</b>             | Copper                          |
| <b>Includes</b>                             | Grounding kit   Hardware   Lug  |
| <b>Locking Bail Material</b>                | Stainless steel                 |
| <b>Lug Attachment</b>                       | Factory attached                |
| <b>Lug Type</b>                             | Two-hole lug                    |
| <b>Package Quantity</b>                     | 1                               |
| <b>Rivet Material</b>                       | Copper                          |

## Mechanical Specifications

|  |                           |
|--|---------------------------|
| <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>Thread Size</b>                     | 3/8 in                    |
| <b>UV Resistance Test Method</b>       | MIL-STD-810, Method 505   |
| <b>Vibration Test Method</b>           | MIL-STD-202, Method 214   |

## Packed Dimensions

|                        |                    |
|------------------------|--------------------|
| <b>Height</b>          | 304.8 mm   12.0 in |
| <b>Length</b>          | 25.4 mm   1.0 in   |
| <b>Shipping Weight</b> | 0.36 kg   0.79 lb  |
| <b>Width</b>           | 279.4 mm   11.0 in |

## \* 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                               |