



## SG158-06B2A

**SureGround® Grounding Kit for 1-5/8 in coaxial cable**

### Dimensions

|   |                      |
|---|----------------------|
| Nominal Size                            | 1-5/8 in             |
| Bonding Conductor Length                | 609.6 mm   24 in     |
| Cable Jacketing Removal Length, maximum | 38.1 mm   1 1/2 in   |
| Cable Jacketing Removal Length, minimum | 38.1 mm   1 1/2 in   |
| Compatible Diameter, maximum            | 50.800 mm   2.000 in |
| Compatible Diameter, minimum            | 49.022 mm   1.930 in |

### Electrical Specifications

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

### General Specifications

|                                      |  |
|--------------------------------------|--|
| Cable Type                           | Corrugated   Smoothwall  |
| Grounding Kit Type                   | SureGround™ Grounding Kits   |
| Brand                                | SureGround™  |
| Color                                | Black  |
| Bonding Conductor Material           | Copper   |
| Bonding Conductor Wire Size          | 6 gauge  |
| Bonding Conductor Jacketing Material | PE   |
| Grounding Strap Material             | Tinned copper  |
| Includes                             | Grounding kit   Hardware   Lug   One roll of 2 in PVC tape   One roll of 24 in butyl rubber tape |
| Locking Bail Material                | Stainless steel  |
| Lug Attachment                       | Factory attached   |
| Lug Type                             | Two-hole lug   |
| Package Quantity                     | 1  |
| Rivet Material                       | Tinned copper  |
| Weatherproofing Method               | Butyl and electric tape  |

### Mechanical Specifications

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

SG158-06B2A



|                           |                                      |
|---------------------------|--------------------------------------|
| Operating Temperature     | -40 °C to +85 °C (-40 °F to +185 °F) |
| Storage Temperature       | -40 °C to +80 °C (-40 °F to +176 °F) |
| Thread Size               | 3/8 in                               |
| UV Resistance Test Method | MIL-STD-810, Method 505              |
| Vibration Test Method     | MIL-STD-202, Method 214              |

## Packed Dimensions

|                 |                    |
|-----------------|--------------------|
| Height          | 304.8 mm   12.0 in |
| Length          | 25.4 mm   1.0 in   |
| Shipping Weight | 0.90 kg   1.98 lb  |
| Width           | 279.4 mm   11.0 in |

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| ISO 9001:2008 | Designed, manufactured and/or distributed under this quality management system |

## Included Products

- 9905-71 — Black 2 in PVC Tape, 20 ft
- 42615-10 — Butyl Rubber Tape, 24 in

## \* Footnotes

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