Standard Grounding Kit for 2-1/4 in and 3 in corrugated coaxial cable and elliptical waveguide 28 and 37

### Product Classification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Grounding kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordering Note</td>
<td>CommScope® non-standard product</td>
</tr>
</tbody>
</table>

### General Specifications

<table>
<thead>
<tr>
<th>Bonding Conductor Jacketing Material</th>
<th>PVC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonding Conductor Material</td>
<td>Copper</td>
</tr>
<tr>
<td>Bonding Conductor Wire Size</td>
<td>6 gauge</td>
</tr>
<tr>
<td>Cable Type</td>
<td>Corrugated</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Grounding Kit Type</td>
<td>Standard Grounding Kits</td>
</tr>
<tr>
<td>Grounding Strap Material</td>
<td>Copper</td>
</tr>
<tr>
<td>Lug Attachment</td>
<td>Field attached</td>
</tr>
<tr>
<td>Lug Type</td>
<td>Two-hole lug</td>
</tr>
<tr>
<td>Thread Size</td>
<td>3/8 in</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Bonding Conductor Length</th>
<th>1524 mm</th>
<th>60 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Jacketing Removal Length, maximum</td>
<td>58.42 mm</td>
<td>2.3 in</td>
</tr>
<tr>
<td>Cable Jacketing Removal Length, minimum</td>
<td>55.88 mm</td>
<td>2.2 in</td>
</tr>
<tr>
<td>Compatible Diameter, maximum</td>
<td>78.74 mm</td>
<td>3.1 in</td>
</tr>
<tr>
<td>Compatible Diameter, minimum</td>
<td>58.674 mm</td>
<td>2.31 in</td>
</tr>
<tr>
<td>Nominal Size</td>
<td>2-1/4 in</td>
<td>3 in</td>
</tr>
<tr>
<td>Waveguide Size</td>
<td>WR229</td>
<td>WG11</td>
</tr>
</tbody>
</table>

### 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

Material Specifications

Rivet Material
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
Butyl and electric tape

Packaging and Weights

Height, packed
269.24 mm | 10.6 in

Width, packed
58.42 mm | 2.3 in

Length, packed
177.8 mm | 7 in

Included
Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of 24 in butyl rubber tape

Packaging quantity
1

Weight, gross
0.92 kg | 2.028 lb

Regulatory Compliance/Certifications

Agency
CHINA-ROHS
ISO 9001:2015
REACH-SVHC

Classification
Below maximum concentration value
Designed, manufactured and/or distributed under this quality management system
Compliant as per SVHC revision on www.commscope.com/ProductCompliance
Included Products

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

* 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