Standard Grounding Kit for 1/4 in and 3/8 in corrugated coaxial cable, CNT-300 and CNT-400 braided cable, and elliptical waveguide 240 and 380

### Product Classification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Grounding kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordering Note</td>
<td>CommScope® standard product in the United States and Canada</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>Braided</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>Tinned copper</td>
</tr>
<tr>
<td>Lug Attachment</td>
<td>Field attached</td>
</tr>
<tr>
<td>Lug Type</td>
<td>One-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>9.652 mm</td>
<td>0.38 in</td>
</tr>
<tr>
<td>Compatible Diameter, minimum</td>
<td>6.223 mm</td>
<td>0.245 in</td>
</tr>
<tr>
<td>Nominal Size</td>
<td>1/4 in</td>
<td>3/8 in</td>
</tr>
<tr>
<td>Waveguide Size</td>
<td>WR28</td>
<td>WG22</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**
266.7 mm | 10.5 in

**Width, packed**
175.26 mm | 6.9 in

**Length, packed**
58.42 mm | 2.3 in

**Included**
- Grounding kit
- Hardware
- Lug
- One roll of 2-1/2 in butyl rubber tape
- One roll of 3/4 in PVC tape

**Packaging quantity**
1

**Weight, gross**
0.34 kg | 0.75 lb

## Regulatory Compliance/Certifications

**Agency**
ISO 9001:2015

**Classification**
Designed, manufactured and/or distributed under this quality management system

**Agency**
REACH-SVHC

**Classification**
Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS Compliant

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