## Product Classification

**Product Type**
- Grounding kit

**Ordering Note**
- CommScope® non-standard product

## General Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonding Conductor Jacketing Material</td>
<td>PVC</td>
</tr>
<tr>
<td>Bonding Conductor Material</td>
<td>Copper</td>
</tr>
<tr>
<td>Cable Type</td>
<td>Elliptical waveguide</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>Factory attached</td>
</tr>
<tr>
<td>Lug Type</td>
<td>One-hole lug, screw on</td>
</tr>
<tr>
<td>Thread Size</td>
<td>3/8 in</td>
</tr>
</tbody>
</table>

## Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonding Conductor Length</td>
<td>609.6 mm</td>
</tr>
<tr>
<td>Cable Jacketing Removal Length, maximum</td>
<td>58.42 mm</td>
</tr>
<tr>
<td>Cable Jacketing Removal Length, minimum</td>
<td>55.88 mm</td>
</tr>
<tr>
<td>Compatible Diameter, maximum</td>
<td>50.8 mm</td>
</tr>
<tr>
<td>Compatible Diameter, minimum</td>
<td>49.022 mm</td>
</tr>
<tr>
<td>Waveguide Size</td>
<td>WR187</td>
</tr>
</tbody>
</table>

## Electrical Specifications

**Current Handling**
- Tested to withstand 130,000 amps peak current surge

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 15, 2023
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: 266.7 mm | 10.5 in
Length, packed: 58.42 mm | 2.3 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: 0.64 kg | 1.411 lb

Regulatory Compliance/Certifications
Agency Classification
CHINA-ROHS Below maximum concentration value
ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system
REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS Compliant
UK-ROHS Compliant

Included Products

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