



Standard Grounding Kit for 5/8 in and 7/8 in corrugated coaxial cable and elliptical waveguide 85, 90, 127A, and 132

## Product Classification

**Product Type**

Grounding kit

## Dimensions

**Nominal Size**

5/8 in | 7/8 in

**Waveguide Size**

WR62 | WG18 | R140 | WR75 | WG17 | R120 | WR90 | WG16 | R100

**Bonding Conductor Length**

1524.0 mm | 60 in

**Cable Jacketing Removal Length, maximum**

59.1 mm | 2.3 in

**Cable Jacketing Removal Length, minimum**

55.9 mm | 2.2 in

**Compatible Diameter, maximum**

28.702 mm | 1.130 in

**Compatible Diameter, minimum**

21.336 mm | 0.840 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

## 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)

**Weatherproofing Method**

Butyl and electric tape

## General Specifications

**Grounding Kit Type**

Standard Grounding Kits

**Cable Type**

Corrugated | Elliptical waveguide

**Ordering Note**

CommScope® standard product in the United States and Canada

**Color**

Black

**Bonding Conductor Material**

Copper

**Bonding Conductor Wire Size**

6 gauge

**Bonding Conductor Jacketing Material**

PVC

**Grounding Strap Material**

Copper

<b>Includes</b>	Grounding kit   Hardware   Lug   One roll of 2 in PVC tape   One roll of 24 in butyl rubber tape
<b>Lug Attachment</b>	Field 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>	362.0 mm   14.3 in
<b>Length</b>	63.5 mm   2.5 in
<b>Shipping Weight</b>	0.83 kg   1.82 lb
<b>Width</b>	260.4 mm   10.3 in

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	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

<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

