



Standard Grounding Kit for 4 in corrugated coaxial cable and elliptical waveguide 17 and 20

**OBSOLETE**

**Replaced By**

204989-6

Standard Grounding Kit for 4 in corrugated coaxial cable and elliptical waveguide 17 and 20

## Product Classification

**Product Type** Grounding kit

## Dimensions

**Nominal Size** 4 in  
**Waveguide Size** WR430 | WG8 | R22  
**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** 50.800 mm | 2.000 in  
**Compatible Diameter, minimum** 49.022 mm | 1.930 in

## Electrical Specifications

**Current Handling** Tested to withstand 130,000 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  
**Color** Black

<b>Bonding Conductor Material</b>	Copper
<b>Bonding Conductor Jacketing Material</b>	PVC
<b>Grounding Strap Material</b>	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>	One-hole lug, screw on
<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>	419.1 mm   16.5 in
<b>Length</b>	158.8 mm   6.3 in
<b>Shipping Weight</b>	1.15 kg   2.54 lb
<b>Width</b>	165.1 mm   6.5 in

## Included Products

9905-71 — Black 2 in PVC Tape, 20 ft

## \* 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 III–IV, 1995-02



Black 2 in PVC Tape, 20 ft

## Product Classification

**Product Type** Weatherproofing tape

## Dimensions

**Length** 6.10 m | 20.00 ft  
**Nominal Size** 1-1/4 in | 1-5/8 in | 1/2 in | 1/4 in | 2-1/4 in | 3/8 in | 5/8 in | 7/8 in  
**Width** 50.80 mm | 2.00 in

## General Specifications

**Application** Provides additional moisture seal for cable connections  
**Applications per Kit** Four 1/2 in–1/2 in | Four 1/2 in–7/8 in to device | One 1/2 in–2-1/4 in | Two 1/2 in–7/8 in  
**Color** Black  
**Material Type** PVC tape  
**Ordering Note** CommScope® non-standard product  
**Package Quantity** 1

## Mechanical Specifications

**UV Resistance Test Method** PVC tape test method UL 510, ASTM D1000  
**Weather Resistance Test Method** 04AS00-03.6.0 | MIL-STD-1344A, Method 1002

## Packed Dimensions

**Height** 6.4 cm | 2.5 in  
**Length** 5.1 cm | 2.0 in  
**Shipping Weight** 0.08 kg | 0.19 lb  
**Width** 6.4 cm | 2.5 in

## Regulatory Compliance/Certifications

**Agency** ISO 9001:2015  
**Classification** Designed, manufactured and/or distributed under this quality management system

