



## Standard Grounding Kit for 1/4 to 3/8 in corrugated coaxial cable

### **OBSOLETE**

#### Replaced By

223158-2

Standard Grounding Kit for 1/4 in and 3/8 in corrugated coaxial cable and elliptical waveguide 240 and 380

## Product Classification

**Product Type** Grounding kit

## Dimensions

<b>Nominal Size</b>	1/4 in   3/8 in
<b>Bonding Conductor Length</b>	1524.0 mm   60 in
<b>Cable Jacketing Removal Length, maximum</b>	59.1 mm   2.3 in
<b>Cable Jacketing Removal Length, minimum</b>	55.9 mm   2.2 in
<b>Compatible Diameter, maximum</b>	50.800 mm   2.000 in
<b>Compatible Diameter, minimum</b>	15.494 mm   0.610 in

## Electrical Specifications

<b>Current Handling</b>	Tested to withstand 130,000 amps peak current surge
<b>Current Handling Test Method</b>	MIL-STD-1757
<b>Grounding, Bonding and Shielding Test Method</b>	MIL-STD-188-124A
<b>Lightning Protection Test Method</b>	IEC 1024-1

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +85 °C (-40 °F to +185 °F)
<b>Storage Temperature</b>	-40 °C to +80 °C (-40 °F to +176 °F)
<b>Weatherproofing Method</b>	Butyl and electric tape

## General Specifications

<b>Grounding Kit Type</b>	Standard Grounding Kits
<b>Cable Type</b>	Corrugated
<b>Ordering Note</b>	CommScope® non-standard product

<b>Color</b>	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>	Factory 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>	368.3 mm   14.5 in
<b>Length</b>	76.2 mm   3.0 in
<b>Shipping Weight</b>	0.51 kg   1.12 lb
<b>Width</b>	266.7 mm   10.5 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

