

# UG12158-15B4-T



Universal Grounding Kit for HELIAX® 1/2 in through 1-5/8 in corrugated and smoothwall coaxial cable, elliptical waveguide 63 through 180 and FiberFeed Hybrid cables

## Product Classification

**Product Type** Grounding kit

## Dimensions

<b>Waveguide Size</b>	WR51–WR137   WG19–WG14   R180–R70
<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 100,000 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>	Universal Grounding Kits
<b>Cable Type</b>	Corrugated   Elliptical waveguide   Smoothwall
<b>Ordering Note</b>	CommScope® standard product in Mexico, Central America, and South America   CommScope® standard product in the United States and Canada
<b>Color</b>	Black
<b>Bonding Conductor Material</b>	Copper
<b>Bonding Conductor Wire Size</b>	6 gauge
<b>Bonding Conductor Jacketing Material</b>	PVC
<b>Grounding Strap Material</b>	Tinned copper

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<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>	215.9 mm   8.5 in
<b>Length</b>	63.5 mm   2.5 in
<b>Shipping Weight</b>	0.71 kg   1.56 lb
<b>Width</b>	152.4 mm   6.0 in

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2008	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 III–IV, 1995-02