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

Waveguide Size
WR51–WR137 | WG19–WG14 | R180–R70
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
15.494 mm  | 0.610 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
Universal Grounding Kits
Cable Type
Corrugated | Elliptical waveguide | Smoothwall
Ordering Note
CommScope® standard product in Mexico, Central America, and South America | 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
Tinned copper
Includes
Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of 24 in butyl rubber tape

Lug Attachment
Field attached

Lug Type
Two-hole lug

Package Quantity
1

Rivet Material
Copper

Mechanical Specifications

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

Thread Size
3/8 in

UV Resistance Test Method
MIL-STD-810, Method 505

Vibration Test Method
MIL-STD-202, Method 214

Packed Dimensions

Height
215.9 mm | 8.5 in

Length
63.5 mm | 2.5 in

Shipping Weight
0.71 kg | 1.56 lb

Width
152.4 mm | 6.0 in

Regulatory Compliance/Certifications

Agency
ISO 9001:2015

Classification
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

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