



Standard Grounding Kit for 1/4 in and 3/8 in corrugated coaxial cable, CNT-300 and CNT-400 braided cable, and elliptical waveguide 240 and 380

Product Classification

Product Type Grounding kit

Dimensions

Nominal Size 1/4 in | 3/8 in
Waveguide Size WR28 | WG22 | R320 | WR42 | WG20 | R220
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 9.652 mm | 0.380 in
Compatible Diameter, minimum 6.223 mm | 0.245 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 Braided | 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 Tinned copper

Includes	Grounding kit Hardware Lug One roll of 2-1/2 in butyl rubber tape One roll of 3/4 in PVC tape
Lug Attachment	Field attached
Lug Type	One-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	266.7 mm 10.5 in
Length	57.2 mm 2.3 in
Shipping Weight	0.34 kg 0.75 lb
Width	175.3 mm 6.9 in

Regulatory Compliance/Certifications

Agency	Classification
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

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



Black 2 in PVC Tape, 20 ft

Product Classification

Product Type Weatherproofing tape

Dimensions

Length 6096.00 mm | 240.00 in
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 64.0 mm | 2.5 in
Length 51.1 mm | 2.0 in
Shipping Weight 0.08 kg | 0.19 lb
Width 64.0 mm | 2.5 in

Regulatory Compliance/Certifications

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





Butyl Rubber Tape, 24 in

Product Classification

Product Type Weatherproofing tape

Dimensions

Length 609.60 mm | 24.00 in

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 63.50 mm | 2.50 in

General Specifications

Application Provides additional moisture seal for cable connections

Applications per Kit One 1/2 in–2-1/4 in | One 1/2 in–7/8 in | One 1/2 in–7/8 in to device | Two 1/2 in–1/2 in

Color Black

Material Type Butyl rubber tape

Ordering Note CommScope® non-standard product

Package Quantity 1

Mechanical Specifications

UV Resistance Test Method Butyl test method in QUV weatherometer cycle of 8 hours UV at 150 °F then 4 hours of condensation at 104 °F

UV Resistance, minimum with no degradation ≥1000 hours

Weather Resistance Test Method 04AS00-03.6.0 | MIL-STD-1344A, Method 1002

Packed Dimensions

Height 64.0 mm | 2.5 in

Length 24.9 mm | 1.0 in

Shipping Weight 0.17 kg | 0.37 lb

Width 69.9 mm | 2.8 in

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

China RoHS SJ/T 11364-2014

Classification

Compliant

Designed, manufactured and/or distributed under this quality management system

Below Maximum Concentration Value (MCV)

