

SG158-15B2U

SureGround® Grounding Kit for 1-5/8 in coaxial cable



OBSOLETE

Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
Ordering Note	CommScope® non-standard product

General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	6 gauge
Cable Type	Corrugated Smoothwall
Color	Black
Grounding Kit Type	SureGround® Grounding Kits
Grounding Strap Material	Tinned copper
Lug Attachment	Field attached
Lug Type	Two-hole lug
Thread Size	3/8 in M10

Dimensions

Bonding Conductor Length	1524 mm 60 in
Cable Jacketing Removal Length, maximum	38.1 mm 1.5 in
Cable Jacketing Removal Length, minimum	38.1 mm 1.5 in
Compatible Diameter, maximum	50.8 mm 2 in

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Compatible Diameter, minimum 49.022 mm | 1.93 in

Nominal Size 1-5/8 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

Material Specifications

Locking Bail Material Stainless steel

Rivet Material Tinned copper

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)

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

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

Vibration Test Method MIL-STD-202, Method 214

Weatherproofing Method Butyl and electric tape

Packaging and Weights

Height, packed 304.8 mm | 12 in

Width, packed 279.4 mm | 11 in

Length, packed 25.4 mm | 1 in

Included Grounding kit | Hardware | Lug | One roll of 2 in PVC tape | One roll of 24 in butyl rubber tape

Packaging quantity 1

Weight, gross 0.9 kg | 1.984 lb

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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

- 42615-10 – Butyl Rubber Tape, 24 in
- 9905-71 – Black 2 in PVC Tape, 20 ft

* 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 III–IV, 1995-02