



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

OBSOLETE

Replaced By

CSGL7-15B4-T	SureGround® Compact Grounding Kit for 1-5/8 in corrugated coaxial cable
CSG158-12B2U	SureGround® Universal Compact Grounding Kit for 1-5/8 in corrugated and smoothwall coaxial cable
CSG158-06B1A	SureGround® Universal Compact Grounding Kit for 1-5/8 in corrugated and smoothwall coaxial cable

Product Classification

Brand	SureGround®
Product Type	Grounding kit

Dimensions

Nominal Size	1-5/8 in
Bonding Conductor Length	914.4 mm 36 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	49.022 mm 1.930 in
Enclosure Length	80.0 mm 3.2 in
Enclosure Width	69.9 mm 2 3/4 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	Copper strap contact overmolded with EPDM rubber

General Specifications

Grounding Kit Type	Compact SureGround® Grounding Kits
Cable Type	Corrugated
Ordering Note	CommScope® non-standard product
Color	Black
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	16 mm ²
Bonding Conductor Jacketing Material	PVC
Grounding Strap Material	Copper
Includes	Grounding kit Hardware Lug
Locking Bail Material	Stainless steel
Lug Attachment	Factory 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	228.6 mm 9.0 in
Length	101.6 mm 4.0 in
Shipping Weight	0.57 kg 1.26 lb
Width	152.4 mm 6.0 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 III–IV, 1995-02