

CSG78-06B1A



SureGround® Universal Compact Grounding Kit for 7/8 in corrugated and smoothwall coaxial cable

Product Classification

Product Type	Grounding kit
Product Brand	SureGround®
Ordering Note	CommScope® standard product in Asia Pacific CommScope® standard product in Europe, the Middle East, and Africa

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	Compact SureGround® Grounding Kits
Grounding Strap Material	Tinned copper
Harmonized System (HS) Code	854420 (Coaxial cable and other coaxial electric conductors)
Lug Attachment	Factory attached
Lug Type	One-hole lug
Thread Size	3/8 in

Dimensions

Enclosure Width	40.64 mm 1.6 in
Bonding Conductor Length	609.6 mm 24 in
Enclosure Length	63.5 mm 2.5 in
Compatible Diameter, maximum	28.372 mm 1.117 in
Compatible Diameter, minimum	27.559 mm 1.085 in

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Nominal Size 7/8 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 Tinned copper strap contact overmolded with EPDM rubber

Packaging and Weights

Height, packed 447.04 mm | 17.6 in

Width, packed 396.24 mm | 15.6 in

Length, packed 68.58 mm | 2.7 in

Included Grounding kit | Hardware | Lug

Packaging quantity 1

Weight, gross 0.36 kg | 0.794 lb

Regulatory Compliance/Certifications

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



* 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