

CSG158-12B2U



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

Product Classification

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

General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Bonding Conductor Wire Size	16 mm ²
Cable Type	Corrugated Smoothwall
Color	Black
Grounding Kit Type	Compact SureGround® Grounding Kits
Grounding Strap Material	Tinned copper
Lug Attachment	Field attached
Lug Type	Two-hole lug
Thread Size	3/8 in

Dimensions

Enclosure Width	58.42 mm 2.3 in
Bonding Conductor Length	1143 mm 45 in
Enclosure Length	60.96 mm 2.4 in
Compatible Diameter, maximum	50.978 mm 2.007 in
Compatible Diameter, minimum	49.708 mm 1.957 in
Nominal Size	1-5/8 in

CSG158-12B2U

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	261.62 mm 10.3 in
Width, packed	203.2 mm 8 in
Length, packed	83.82 mm 3.3 in
Included	Grounding kit Hardware Lug
Packaging quantity	1
Weight, gross	0.29 kg 0.639 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value

CSG158-12B2U

ISO 9001:2015

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

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