



## CSG78-12B2U

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

### Dimensions

Nominal Size	7/8 in
Bonding Conductor Length	1143.0 mm   45 in
Compatible Diameter, maximum	28.372 mm   1.117 in
Compatible Diameter, minimum	27.559 mm   1.085 in
Enclosure Length	62.2 mm   2.5 in
Enclosure Width	40.1 mm   1.6 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

### General Specifications

Cable Type	Corrugated   Smoothwall
Grounding Kit Type	Compact SureGround™ Grounding Kits
Brand	SureGround™
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
Locking Bail Material	Stainless steel
Lug Attachment	Field attached
Lug Type	Two-hole lug
Package Quantity	1
Rivet Material	Tinned copper
Weatherproofing Method	Tinned copper strap contact overmolded with EPDM rubber

### 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

# Product Specifications

COMMSCOPE®

CSG78-12B2U

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
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	447.0 mm   17.6 in
Length	68.6 mm   2.7 in
Shipping Weight	0.45 kg   1.00 lb
Width	396.2 mm   15.6 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