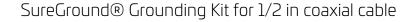
# SG12-12B2U





### **Product Classification**

Product TypeGrounding kitProduct BrandSureGround®

Ordering Note CommScope® standard product (Global)

## General Specifications

Bonding Conductor Jacketing MaterialPVCBonding Conductor MaterialCopperBonding Conductor Wire Size6 gauge

Cable Type Corrugated | Smoothwall

**Color** Black

**Grounding Kit Type** SureGround® Grounding Kits

Grounding Strap MaterialTinned copperLug AttachmentField attachedLug TypeTwo-hole lug

**Thread Size** 3/8 in

#### Dimensions

Bonding Conductor Length1,219.2 mm | 48 inCable Jacketing Removal Length, maximum38.1 mm | 1.5 inCable Jacketing Removal Length, minimum38.1 mm | 1.5 inCompatible Diameter, maximum16.51 mm | 0.65 inCompatible Diameter, minimum15.494 mm | 0.61 in

Nominal Size 1/2 in



# SG12-12B2U

### **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 MaterialStainless steelRivet MaterialTinned copper

## **Environmental Specifications**

Operating Temperature  $-40 \,^{\circ}\text{C}$  to  $+85 \,^{\circ}\text{C}$  ( $-40 \,^{\circ}\text{F}$  to  $+185 \,^{\circ}\text{F}$ )

Storage Temperature  $-40 \,^{\circ}\text{C}$  to  $+80 \,^{\circ}\text{C}$  ( $-40 \,^{\circ}\text{F}$  to  $+176 \,^{\circ}\text{F}$ )

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
 447.04 mm | 17.6 in

 Width, packed
 396.24 mm | 15.6 in

 Length, packed
 177.8 mm | 7 in

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

roll of 24 in butyl rubber tape

Packaging quantity

**Weight, gross** 0.59 kg | 1.301 lb

### Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

**COMMSCOPE®** 

# SG12-12B2U

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 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

