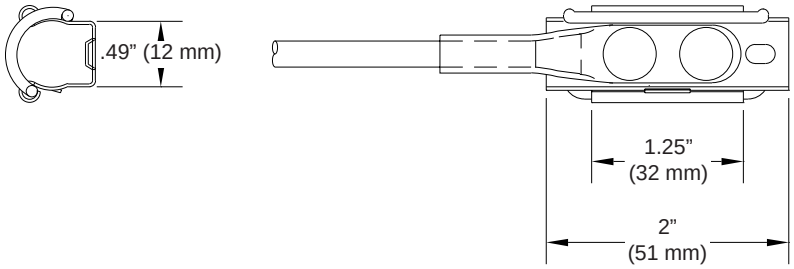
Specifications for SGL4 Series SureGround™ Grounding Kits



Characterisitics

Material

Clip	Copper
Bail	Stainless Steel
Rivets	Copper
Lugs	Tin Plated Copper
Bonding Conductor	7-Strand Copper Wire Cross-Sectional Area 16 mm^2

Electrical

Parameter

Meets MIL-STD-188-124A "Military Standard for Grounding, Bonding and Shielding" bond resistance requirement of a maximum DC resistance of 0.001 Ohm’s. Meets IEC 1024-1 "Protection of Structures Against Lightning" requirements of 16 mm² cross-sectional area for copper bonding conductors.

Test Method

Tested to withstand 130,000 amps peak current surge in accordance to MIL-STD-1757, Test Method T02, Current Component A, using a damped oscillatory type waveform.

Mechanical

Fits cable diameters	0.605 inches (15.37 mm) to 0.645 inches (16.83 mm)
Lug clearance holes	3/8 - 16 or M10 screws
Bail closure force	Maximum of 25 lbs

Environmental

Operating Temperature	-40° C to +85° C
Storage Temperature	-40° C to +80° C
Weather Resistant*****	Salt Spray, Rain, Ice, Wind, UV

*** SureGround™ is supplied with weatherproofing material which must be installed properly to insure optimum performance in these conditions.**

Test	Test Specification
Vibration	MIL-STD-202, Method 214
Corrosion (Salt Spray)	MIL-STD-1344, Method 1001
Humidity (Thermal Cycling)	MIL-STD-1344, Method 1002
Solar Radiation (UV)	MIL-STD-810, Method 505
Blowing Rain	MIL-STD-810, Method 506
Freezing Rain/Icing	MIL-STD-810, Method 521