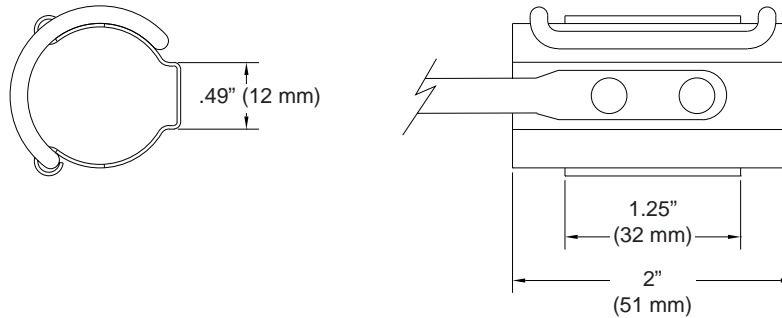


## Specifications for LDF5 Series SureGround™ Grounding Kits



### Characteristics

#### Material

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

#### 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 mm<sup>2</sup> 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	1.050 inches (26.7 mm) to 1.130 inches (28.7 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