

SureCall Lightning Surge Protector SC-LP-75

> Discharge Tube Surge Arrestor

Overview

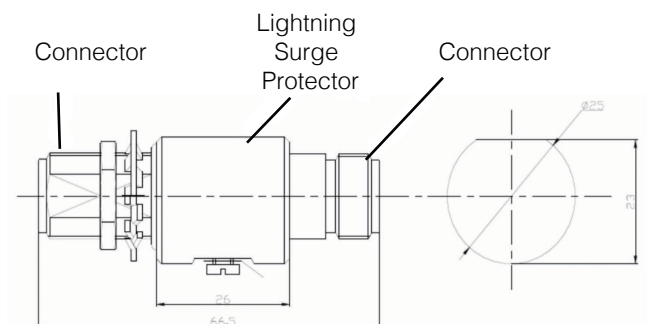
SureCall's coaxial lightning arrestors act as a signal filter and are designed to pass desired frequencies while suppressing lightning surges. Lightning strike electrical surges are diverted through the protector's short-circuit to the ground. SC-LP-75 features F-Male and F-Female connectors.

Material

Part	Material	Electroplating
Hull	Brass rods	Ni
Plughole	Brass rods	Au
Contact pin	Brass rods	Au
Inner conductor	Brass rods	Au
Sealing element	Silicon rubber	
Dielectric	PTFE	
SC	Stainless	

Performance

Impedance	75 Ohm	
Insulation Resistance	≥5000	
Contact resistance (MΩ)	Inner conductor (MΩ)	≤1
	Outer conductor (MΩ)	≤1
Pressure AC (Vmin)	2500V 1min 2500V 1min - No breakdown and no arcing phenomenon	
Frequency Range (MHz)	DC-3000	
Peak Power (w)	200	
Initial discharge voltage (V)	230	
Peak discharge current (KA)	10/20	
Insertion Loss (dB)	≤1.00	
V.S.W.R.	≤2.00	
Weight (g)	110	



To ground your surge protector, use 10 or 12-gauge copper wire and attach it to the ground connector screw. Tighten the screw so the wire is firmly embedded under the screw. Next, clip the other end of the wire and strip back the jacket to expose the raw wire. Then, attach the wire to a grounding point or rod sunk into the ground 8 feet deep. Be sure to check your local grounding code requirements as they vary by location.