

## SureCall Lightning Surge Protector SC-LP

> 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 features N-Female connectors on both ends.



### 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                     |                       | 50                                                               |
| Insulation Resistance         |                       | ≥5000                                                            |
| Contact resistance ( MΩ)      | Inner conductor ( MΩ) | ≤1                                                               |
|                               | Outer conductor ( MΩ) | ≤1                                                               |
| Pressure AC (Vmin)            |                       | 2500V 1min<br>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)           |                       | ≤0.50                                                            |
| V.S.W.R.                      |                       | ≤1.20                                                            |
| Weight (g)                    |                       | 110                                                              |

