

# DATASHEET

## LP-901 In-Line Lightning Protector for Cellular Antennas LP-901

The LP-901 Lightning Protector is designed to provide multi-strike direct current (dc) voltage-blocking lightning protection for antennas operating between 698 MHz and 2.7 GHz, including 3G/4G/LTE cellular antennas. The LP-901 lightning protector is designed for use inside an enclosure with the bulkhead fitting side protruding through to the outside of the enclosure. The connectors are a standard N female on the protected side to a standard N female bulkhead on the surge side. The bulkhead fitting can be connected to any standard N-type connector extension cable.



### Features

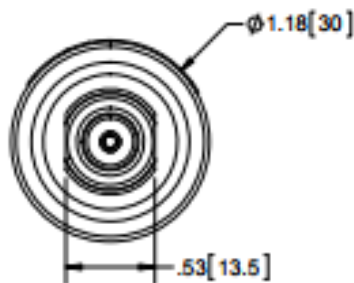
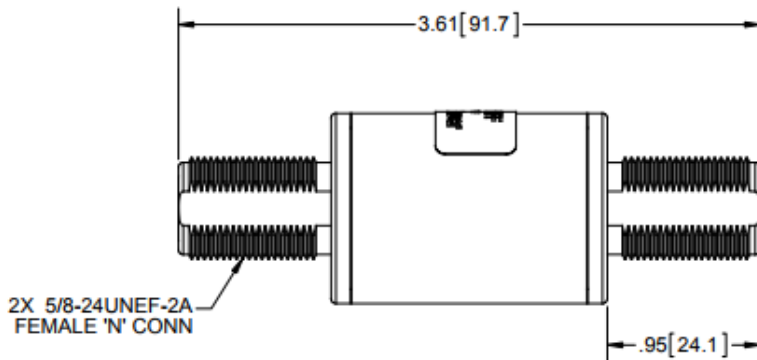
- ◆ Bi-directional operation
  - ◆ High surge current capability
  - ◆ Low let-through voltage and throughput energy
  - ◆ DC shorted filter design, no DC continuity between center pins
  - ◆ Ideal use for applications where DC is not required on the coaxial cable
  - ◆ Fully weatherized housing
  - ◆ Elongated female connector allows for mounting through a 1/4" bulkhead or grounding bar
  - ◆ Multi-strike capability
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## Hardware Specifications

Specification	Description
Protected Side Connector	N Female Bulkhead
Surge Side Connector	N Female Bulkhead
RF Power	500 W / 750 W (at 50°C)
Frequency Range	698 to 2700 MHz
Voltage Standing Wave Ratio (VSWR)	≤ 1.1:1
Insertion Loss	≤ 0.1 dB
Operating / Storage Temperature	-50°C to +85°C

## Agency Approvals & Certifications

IEC 60529 IP67
Bellcore # TA-NWT-00487 Procedure 4.11, wind driven
RoHS compliant



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LP-901

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