

DATASHEET

RadioLinx Weatherproof In-Line Lightning Protector for 2.4 GHZ and 5 GHZ LP-25001



LP-25001 Lightning Protector

RadioLinx LP-25001 Lightning Protector is designed to provide direct current (dc) voltage-blocking lightning protection for 2.4 GHz and 5 GHz wireless systems.

The LP-25001 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. Once installed, the bulkhead connector provides a weatherproof seal with the enclosure.

Features	Benefits
Multi-strike design	◆ May withstand multiple lightning strikes without failure
Fully weatherized housing	◆ Ideal for exterior use, where equipment must operate in all kinds of weather
Low RF energy throughput loss	◆ Strong equipment protection with minimal loss of signal strength or effective range
Backed by ProSoft Technology [®]	◆ Industrial data communications experts who understand your protocols, devices, and applications
	◆ Three year standard warranty

Technical Specifications

Frequency Range	1.8 GHz to 3.8 GHz 4.2 GHz to 6.0 GHz
Insertion Loss	Less than or equal to 0.1 dB
RF Power	10 Watts
Temperature Operating/Storage	-40°F to +185°F (-40°C to +85°C)
Relative Humidity	0 to 100% condensing
Surge Throughput Energy	0.50 μ J
VSWR	1.2 to 1 (typical) 1.3 to 1 (max)
Protected Side Connector	N Female
Surge Side Connector	N Female bulkhead
Weatherized	Yes
UL Approved and Listed	UL497B



Additional Products

ProSoft Technology® offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

For a complete list of products, visit our web site at:
www.prosoft-technology.com

Ordering Information

To order this product, please use the following:

RadioLinx Weatherproof In-Line Lightning Protector for 2.4 GHz and 5 GHz

LP-25001

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to:
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