

Gas Discharge Surge Protectors

100 to 3000 MHz Operation

Features

- Ultra Fast Gas Discharge
- 0.4db Max Insertion Loss
- Choice of Connector Styles: N Fem to N Fem or N Fem to N Male
- VSWR better than 1.5:1
- Rugged, Lightweight and Waterproof
- Standard and Bulkhead Mount Models Available

Applications

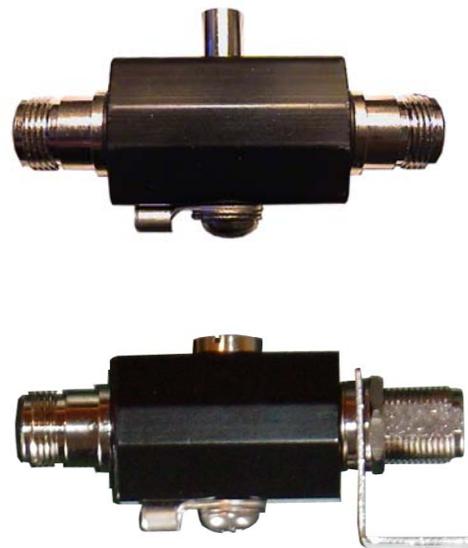
- Surge Protection for Antenna Systems
- 900MHz and 2.4GHz Antenna Systems

Description

The Surge Protectors offered by RF Linx Corporation are an integral part of any antenna installation to protect sensitive equipment from surges caused by lightning. The ultra fast gas discharge tube design gives quick response to power surges and dumps the excess power safely to ground. A ground lug terminal is supplied on the PAWSP to provide for superior grounding. The units have the ability to withstand multiple lightning strikes. The PAWSP passes DC voltage so it is suitable for those systems which pass DC power through the coax such as remote amplifiers. The surge protectors are available in a standard model or bulkhead mount model complete with stainless steel bracket and mounting hardware.

Specifications

Parameter	Min	Type	Max	Units
<i>Frequency Range</i>	100		3000	MHz
<i>Insertion Loss</i>	.1	.2	.4	dB
<i>VSWR</i>		1.5:1		
<i>DC Breakdown Voltage:</i>				V
PAWSP3-350		350		
PAWSP3-90		90		
<i>Impulse Breakdown Voltage</i> (5KV/uS MAX)		1000		V
<i>Impedance</i>		50		OHM
<i>Insulation Resistance</i>	10000			Meg Ohm
<i>Withstand Current</i>			5000	A
<i>Input Power</i>			200	W
<i>Operating Temperature</i>	-40		+85	Deg C
<i>Weight</i>		3.6 (102)		oz (g)
<i>Dimensions (incl connectors)</i>	3.2" x 1.8" x 0.8" (81 x 46 x 20)			Inch (mm)





Bulkhead Mount Kit Contents

System Ordering:

RFL-SP-3-350-FF	100MHz to 3000MHz, N Female to N Female, 350V Surge Protector
RFL-SP-3-350-BFF	100MHz to 3000MHz, Bulkhead N Female to N Female, 350V Surge Protector
RFL-SP-3-350-FM	100MHz to 3000MHz, N Female to N Male, 350V Surge Protector
RFL-SP-3-350-BFM	100MHz to 3000MHz, Bulkhead N Female to N Male, 350V Surge Protector
RFL-SP-3-90-FF	100MHz to 3000MHz, N Female to N Female, 90V Surge Protector
RFL-SP-3-90-BFF	100MHz to 3000MHz, Bulkhead N Female to N Female, 90V Surge Protector
RFL-SP-3-90-FM	900MHz to 3000MHz, N Female to N Male, 90V Surge Protector
RFL-SP-3-90-BFM	900MHz to 3000MHz, Bulkhead N Female to N Male, 90V Surge Protector

For further information contact:

