



Pacific Wireless

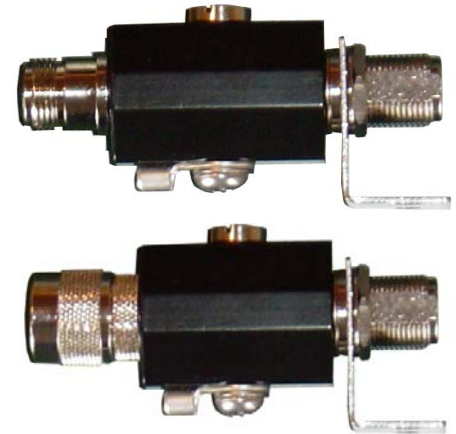
693 E Draper Heights Way Suite 210
Draper, UT 84020
TEL (801) 572-3024
FAX (801) 572-3025
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PAWSP DATA SHEET

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
- Bulkhead Mount bracket included



Applications

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

Description

The Surge Protectors offered by Pacific Wireless 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 come standard with stainless steel bracket and bulkhead mount hardware.

Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	100		3000	MHz
Insertion Loss	.1	.2	.4	dB
VSWR		1.5:1		
DC Breakdown Voltage:				V
SP3-350		350		
SP3-90		90		
Impulse Breakdown Voltage (5KV/uS MAX)		1000		V
Impedance		50		OHM
Insulation Resistance	10000			Meg Ohm
Withstand Current			5000	A
Input Power			200	W
Operating Temperature	-40		+85	Deg C
Weight		3.6 (102)		oz (g)
Dimensions (incl connectors)		3.2" x 1.8" x 0.8" (81 x 46 x 20)		Inch (mm)

Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All surge protectors carry a 1 Year Warranty



Bulkhead Mount Kit Contents

System Ordering:

- SP3-350-BFF** 100MHz to 3000MHz, Bulkhead N Female to N Female, 350V Surge Protector
- SP3-350-BFM** 100MHz to 3000MHz, Bulkhead N Female to N Male, 350V Surge Protector
- SP3-90-BFF** 100MHz to 3000MHz, Bulkhead N Female to N Female, 90V Surge Protector
- SP3-90-BFM** 100MHz to 3000MHz, Bulkhead N Female to N Male, 90V Surge Protector

For further information contact:



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