

## Gas Discharge Surge Protector

100 to 300 MHz Operation

## Data Sheet

P/N: PAWSP3-350-FM

### 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 to provide for superior grounding. The units have the ability to withstand multiple lightning strikes. The PAWSP3-350-FM passes DC voltage so it is suitable for those systems which pass DC power through the coax such as remote amplifiers.



### Features

- Ultra Fast Gas Discharge
- Multiple Strike 6KA Discharge
- 0.4db Max Insertion Loss

### Applications

- Lightning Protection for Antenna Systems • 900MHz to 2.4GHz Antenna Systems

### Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	100		3000	MHz
Insertion Loss	.1	.2	.4	dB
VSWR		1.2:1		
DC Breakdown Voltage:	72	90	108	V
Impulse Discharge (5 times, 8/20usec)	6000			A
Impedance		50		OHM
Insulation Resistance (DC 100V)	50			Meg Ohm
Input Power (@2.4GHz)			42	W
Operating Temperature	-40		+85	Deg C
Weight		5.8 (164)		oz (g)
Dimensions (incl connectors)		2.75" x 1.25" x 1.75" (70 x 32 x 44)		Inch (mm)