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Gas Discharge Surge Protectors DC to 3000 MHz Operation

The surge protectors offered by Laird Technologies 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 SP3-90-6 passes DC voltage so it is also suitable for those systems which pass DC power through the coax such as remote amplifiers.

Features and Benefits:

- 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

For sales information:

Telephone 801-572-3024

E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	DC		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)

System Ordering:

SP3-90-6-BFF
SP3-90-6-BFM

DC to 3000MHz, 6KA, bulkhead N female to N female, 90V surge protector
DC to 3000MHz, 6KA, bulkhead N female to N male, 90V surge protector

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty



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