



SMA F/F In/Out Bulkhead Coax RF Surge Protector, DC - 5.8GHz,
DC Pass, 60 V Max., 10kA, Gas Discharge Tube, BiDirect

RF Surge Protectors Technical Data Sheet

PE73SP1068

Features

- Broadband Performance from DC to 5.8GHz
- Repetitive Lightning Strike Capability
- Bi-directional Protection
- Replaceable Gas Tube for Installation Longevity
- Robust Brass Construction

Applications

- Cellular
- Land Mobile Radio, VHF/UHF
- Wireless LAN
- Wireless Cable (MMDS)
- GPS

Description

RF surge protector (also known as lightning arrestor) PE73SP1068 from Pasternack utilizing a gas discharge tube design to protect critical hardware while maintaining the RF performance. This RF surge protector component is manufactured in a coaxial in-line design with wide operating frequency range. Pasternack RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type
DC Handling

Gas Discharge Tube
DC Pass

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5.8	GHz
Impedance		50		Ohms
VSWR			1.5:1	
Insertion Loss			0.6	dB
Operating Voltage (DC)			60	Volts
Surge Current			10	kA
Turn On Voltage		90		Volts

Mechanical Specifications

Size

Length	2.1 in [53.34 mm]
Width/Diameter	0.9 in [22.86 mm]
Height	1.2 in [30.48 mm]
Weight	0.25 lbs [113.4 g]
Housing Material and Plating	Brass, Tri-Metal

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA F/F In/Out Bulkhead Coax RF Surge Protector, DC - 5.8GHz, DC Pass, 60 V Max., 10kA, Gas Discharge Tube, BiDirect PE73SP1068](#)



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Configuration

Input Connector

SMA Female

Output Connector

SMA Female

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

SMA F/F In/Out Bulkhead Coax RF Surge Protector, DC - 5.8GHz, DC Pass, 60 V Max., 10kA, Gas Discharge Tube, BiDirect from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: <https://www.pasternack.com/sma-surge-protector-5.8ghz-gas-discharge-tube-pe73sp1068-p.aspx>

PE73SP1068 CAD Drawing

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