

Type N F/F Bulkhead Coaxial RF Surge Protector, DC - 2.0GHz, DC Pass, 60V, 40W, 20kA, Gas Tube



109-1111-B

Features

- Surge current of 20kA
- Max Power 40W
- Frequency range from DC to 2.0GHz
- Waterproof IP67 rated
- N Female to N Female connectors
- VSWR <1.1:1
- Low insertion loss
- Replaceable Gas Tube
- CE & RoHS compliant

Applications

- WiFi
- GPS

Description

RF surge protector (also known as lightning arrester or surge arrester) 109-1111-B from PolyPhaser, utilizing a gas tube (GT or GDT). This RF surge protector component is manufactured in a coaxial in-line design with wide operating frequency range. All PolyPhaser 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		2	GHz
Impedance		50		Ohms
VSWR			1.22:1	
Insertion Loss			0.25	dB
Operating Voltage (DC)			60	Volts
Operating Current (DC)			6	A
Input Power, CW			40	Watts
Surge Current			20	kA
Turn On Voltage		230		Volts
Throughput Energy			420	uJ

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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Mechanical Specifications

Size

Length	3.22 in [81.79 mm]
Width/Diameter	1 in [25.4 mm]
Height	1.4 in [35.56 mm]
Weight	1 lbs [453.59 g]
Housing Material and Plating	Brass, Tri-Metal

Configuration

Input Connector	N Female
Output Connector	N Female

Environmental Specifications

Temperature

Operating Range	-50 to +85 deg C
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Ingress Protection (IP) Rating	IP67
Humidity	95%

Compliance Certifications

RoHS Compliant	
CE Compliant	Yes

Plotted and Other Data

Notes:

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service and expert technical support PolyPhaser continually expands its product offering and services to serve engineers' urgent needs for RF components in mission critical communication networks.

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URL:

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