

## Reverse Polarity TNC F/M In/Out Bulkhead Coaxial RF Surge Protector, DC - 6GHz, 60 V Max., Gas Discharge Tube, Bracket Toward Body

RF surge protector (also known as lightning arrestor) FMSP1072 from Fairview Microwave 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. Fairview Microwave RF surge protector products are available in stock with same day shipping.



### Electrical Specifications

Description	Gas Discharge Tube			Units
	Min	Typ	Max	
Surge Protector Type	Gas Discharge Tube			
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Insertion Loss			0.6	dB
Operating Voltage (DC)			60	Volts
Surge Current IEC 61000-4-5 8/20 $\mu$ s		5		kA
Turn On Voltage		90		Volts

### Mechanical Specifications

Size	
Length	2.3 in [58.42 mm]
Width/Diameter	0.906 in [23.01 mm]
Height	1.206 in [30.63 mm]
Weight	0.2 lbs [90.72 g]
Housing Material and Plating	Brass, Nickel
Configuration	
Input Connector	TNC Female Reverse Polarity
Output Connector	TNC Male Reverse Polarity

### Environmental Specifications

Temperature	
Operating Range	-40 to +85 deg C

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

### Plotted and Other Data

Notes:

### Features:

- Broadband Performance from DC to 6 GHz
- Repetitive Lightning Strike Capability
- Bi-directional Protection
- Replaceable Gas Tube for Installation Longevity
- Robust Brass Construction

### Applications:

- WiFi
- Wireless Base Stations
- Automotive
- Avionics
- Military Communications

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Reverse Polarity TNC F/M In/Out Bulkhead Coaxial RF Surge Protector, DC - 6GHz, 60 V Max., Gas Discharge Tube, Bracket Toward Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Reverse Polarity TNC F/M In/Out Bulkhead Coaxial RF Surge Protector, DC - 6GHz, 60 V Max., Gas Discharge Tube, Bracket Toward Body FMSP1072](#)

URL: <https://www.fairviewmicrowave.com/surge-protector-6ghz-gas-discharge-tube-fmsp1072-p.aspx>

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