

# FMSP1072 DATA SHEET

# 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**

Surge Protector Type DC Handling	Gas Discharge Tube DC Pass			
Description	Min	Тур	Max	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Insertion Loss			0.6	dB
Operating Voltage (DC)			60	Volts
Input Power, CW Surge Current IEC 61000-4-5 8/20µs		5	200 5	Watts kA
Turn On Voltage		90		Volts



#### **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

#### **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:

Fairview Microwave 301 Leora Ln., Suite 100 Lewisville, TX 75056 Tel: 1-800-715-4396 / (972) 649-6678 Fax: (972) 649-6689

www.fairviewmicrowave.com sales@fairviewmicrowave.com

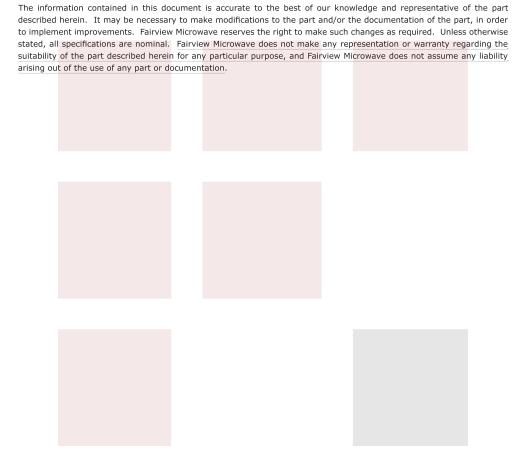




Reverse Polarity TNC F/M In/Out Bulkhead Coaxial RF Surge Protector, DC - 6GHz, 60 V Max., Gas Discharge Tube, Bracket Toward Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities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



301 Leora Ln., Suite 100, Lewisville, TX 75056 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689





