

## 7/16 DIN M/F Quarter Wave RF Protector, DC to 4.5GHz, Low PIM

RF surge protector (also known as lightning arrestor) FMSP1071 from Fairview Microwave utilizing a quarter wave stub 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	Quarter Wave Stub DC Block			Units
	Min	Typ	Max	
Surge Protector Type				
DC Handling				
Frequency Range	0.555		4.5	GHz
Impedance		50		Ohms
VSWR			1.18:1	
Insertion Loss			0.1	dB
Passive Intermodulation			160	dBc
Input Power, CW			200	Watts
Surge Current IEC 61000-4-5 8/20 $\mu$ s			50	kA

### Mechanical Specifications

Size	
Length	2.77 in [70.36 mm]
Width/Diameter	0.98 in [24.89 mm]
Height	1.47 in [37.34 mm]
Weight	0.05 lbs [22.68 g]
Housing Material and Plating	Brass, Tri-metal

### Configuration

Input Connector	7/16 DIN Male
Output Connector	7/16 DIN Female

### Environmental Specifications

Temperature	
Operating Range	-40 to +85 deg C

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

### Plotted and Other Data

Notes:



### Features:

- Extended Range Broadband Performance from 555 to 4,500 MHz
- DC Block Topology
- Repetitive Strike Protection
- Low PIM

### Applications:

- CBRS Networks
- Cellular
- Distributed Antenna Systems (DAS)
- Emergency Response Systems
- Public Safety Systems

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](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

7/16 DIN M/F Quarter Wave RF Protector, DC to 4.5GHz, Low PIM 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: [7/16 DIN M/F Quarter Wave RF Protector, DC to 4.5GHz, Low PIM FMSP1071](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-surge-protector-4.5ghz-quarter-wave-stub-fmsp1071-p.aspx>

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