

# 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**

Surge Protector Type DC Handling	Quarter Wave Stub DC Block			
Description	Min	Тур	Мах	Units
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 8/20µs			50	kA

### **Mechanical Specifications**

Size Length Width/Diameter Height	2.77 in [70.36 mm] 0.98 in [24.89 mm] 1.47 in [37.34 mm]
Weight Housing Material and Plating	0.05 lbs [22.68 g] Brass, Tri-metal
Configuration Input Connector	7/16 DIN Male

Environmental Specifications

**Output Connector** 

Environmental	Specification
Temperature	

remperature	
Operating Range	-40 to +85 deg

**Compliance Certifications** (see product page for current document)

7/16 DIN Female

С

#### **Plotted and Other Data**

Notes:

FMSP1071 DATA SHEET



## **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

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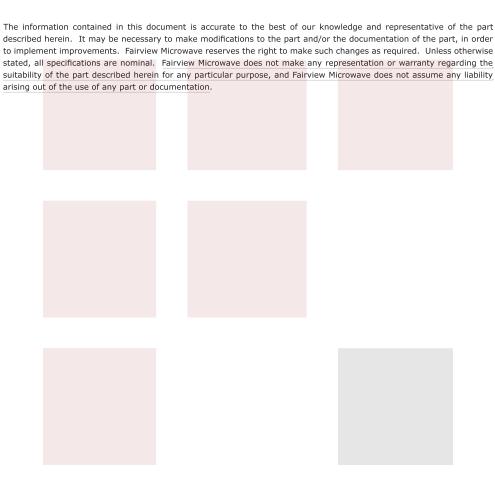




7/16 DIN M/F Quarter Wave RF Protector, DC to 4.5GHz, Low PIM from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

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

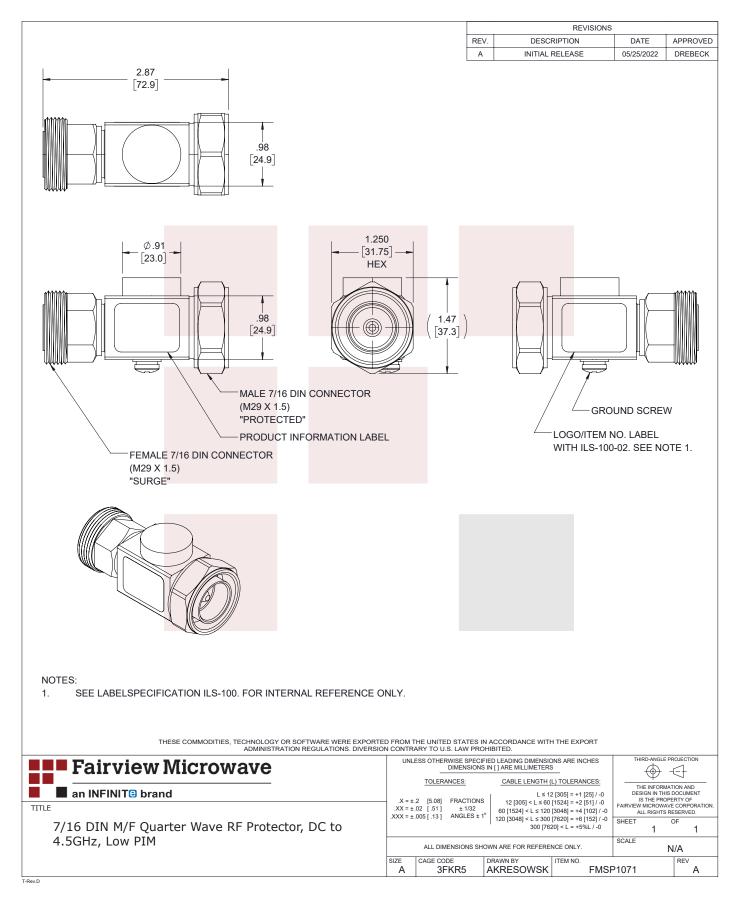
URL: https://www.fairviewmicrowave.com/7-16-din-surge-protector-4.5ghz-quarter-wave-stub-fmsp1071-p.aspx



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