

**4.3-10 M/F In/Out Bulkhead Coaxial RF Surge Protector, 698MHz - 2.7GHz, DC Block, 500W, IP67, 40kA, Filter, Low PIM -173 dBc**

RF surge protector (also known as lightning arrester) FMSP1060 from Fairview Microwave utilizing a patented spiral inductor design enables an almost instantaneous response to a lightning surge 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. All Fairview Microwave RF surge protector products are available in stock with same day shipping.



**Electrical Specifications**

Description	Surge Protector Type DC Handling		Surge Filter DC Block		Units
	Min	Typ	Max		
Frequency Range	0.698		2.7		GHz
Impedance		50			Ohms
VSWR			1.1:1		
Return Loss			26		dB
Insertion Loss			0.1		dB
Passive Intermodulation			-173		dBc
Input Power, CW 500W @ 920MHz 750W @ 50°C			500		Watts
Surge Current IEC 61000-4-5 8/20µs WAVEFORM			40		kA
Throughput Energy FOR 3kA@ 8/20µs WAVEFORM			0.5		nJ

**Features:**

- Surge current of 40kA
- Max Power 500W
- Frequency range from 698 MHz to 2.7 GHz
- Waterproof IP67 rated
- 4.3-10 male connector to 4.3-10 female connector
- DC Block
- Low PIM
- VSWR <1.1:1
- Low insertion loss
- CE & RoHS compliant

**Applications:**

- Cellular communication systems
- Public safety systems
- Emergency response systems
- Industrial

**Mechanical Specifications**

**Configuration**

Input Connector	4.3-10 Male
Output Connector	4.3-10 Female

**Environmental Specifications**

**Temperature**

Operating Range	-50 to 85 deg C
Ingress Protection (IP) Rating	IP 67

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

**Plotted and Other Data**

Notes:

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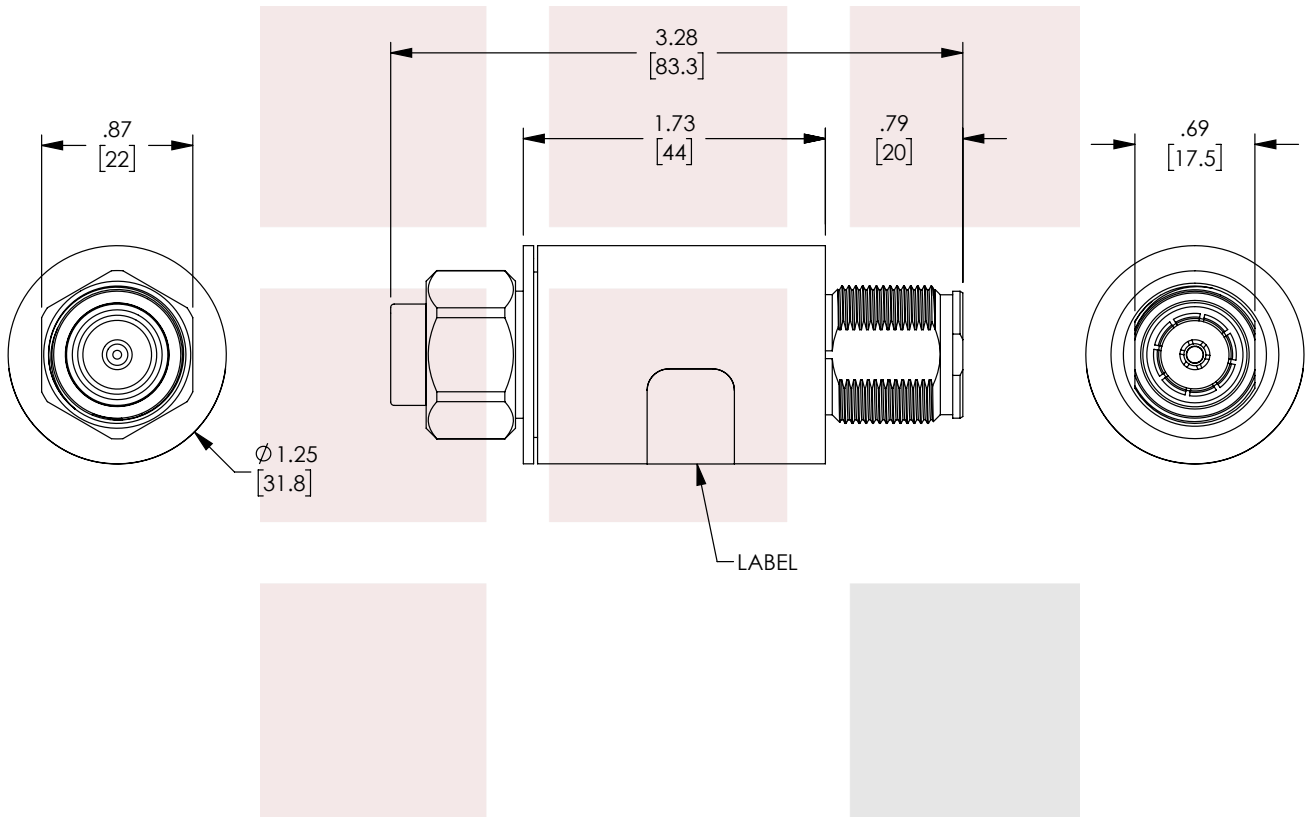
4.3-10 M/F In/Out Bulkhead Coaxial RF Surge Protector, 698MHz - 2.7GHz, DC Block, 500W, IP67, 40kA, Filter, Low PIM -173 dBc from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [4.3-10 M/F In/Out Bulkhead Coaxial RF Surge Protector, 698MHz - 2.7GHz, DC Block, 500W, IP67, 40kA, Filter, Low PIM -173 dBc FMSP1060](#)

URL: <https://www.fairviewmicrowave.com/4.3-10-surge-protector-2.7ghz-filter-fmsp1060-p.aspx>

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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

		<b>NOTES:</b> 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
<b>TITLE</b> 4.3-10 M/F In/Out Bulkhead Coaxial RF Surge Protector, 698MHz - 2.7GHz, DC Block, 500W, IP67, 40kA, Filter, Low PIM -173 dBc		<b>DWG NO</b> FMSP1060		<b>CAGE CODE</b> 3FKR5	
CAD FILE	3/2/18	SHEET	1 OF 1	SCALE	N/A
				SIZE	A
					XXXX