

**Matching Pad 50 Ohm N Female To 75 Ohm F Female**  
**Operating From 0.009 MHz to 3 GHz RoHS Compliant**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	9 KHz		3 GHz	

\*Values at 25°C, sea level

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Range	9KHz to 2	2 to 3				GHz
Insertion Loss, Max	6	6.3				dB
Insertion Loss, Typ	5.5	5.5				dB
Return Loss, Min	25	23				dB
Return Loss, Typ	30	27				dB
VSWR	1.12:1	1.15:1				

**Mechanical Specifications**

**Size**

Length 2.61 in [66.29 mm]  
 Width/Dia. 0.81 in [20.57 mm]  
 Height 0.81 in [20.57 mm]

Body Material and Plating Copper

**Connector 1**

Description	Connector
Type	N Female
Impedance	50 Ohms

**Connector 2**

Description	Connector
Type	F Female
Impedance	75 Ohms

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant Yes

**Plotted and Other Data**

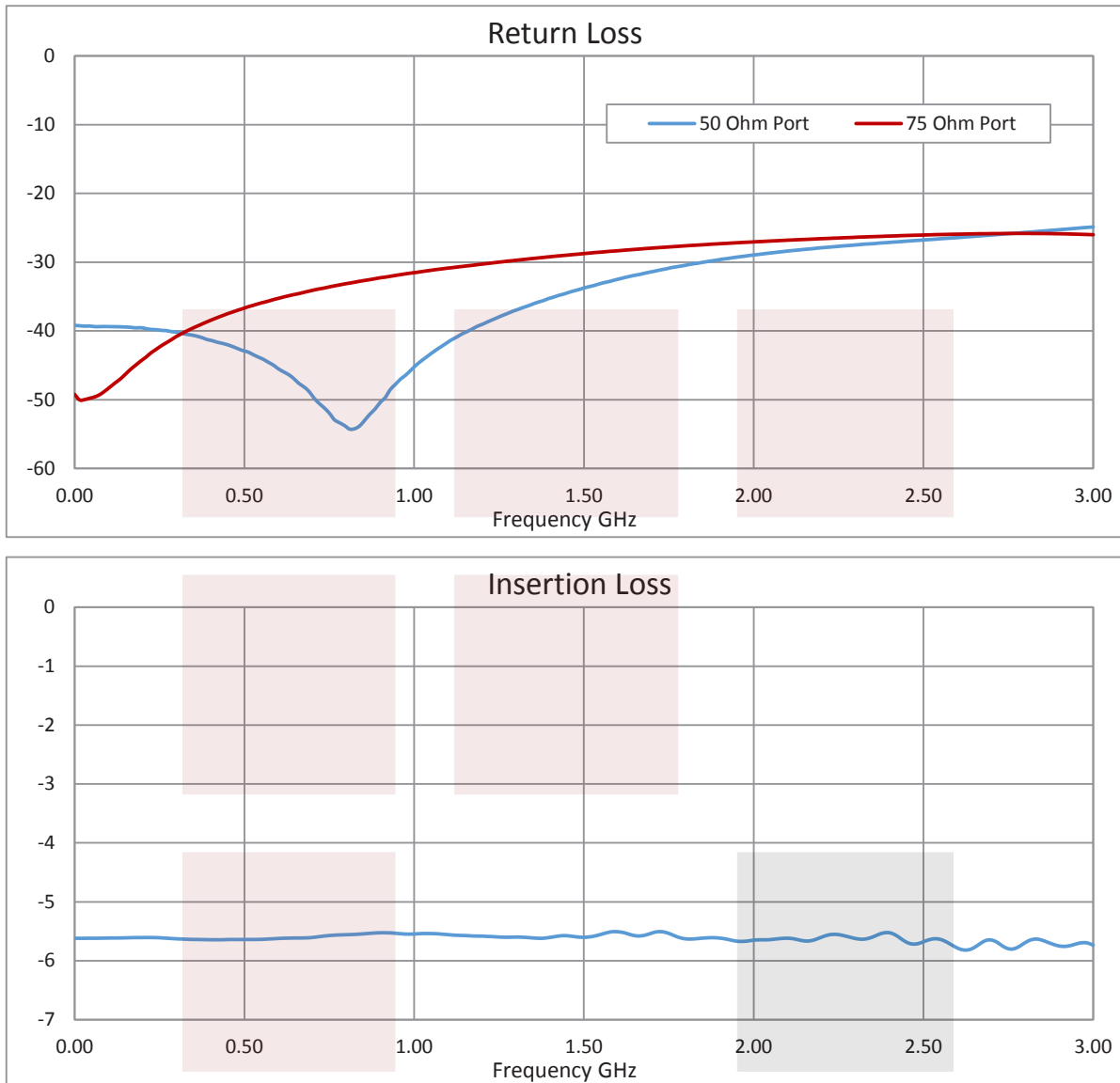
Notes:

- Values at 25 °C, sea level



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**Typical Performance Data**

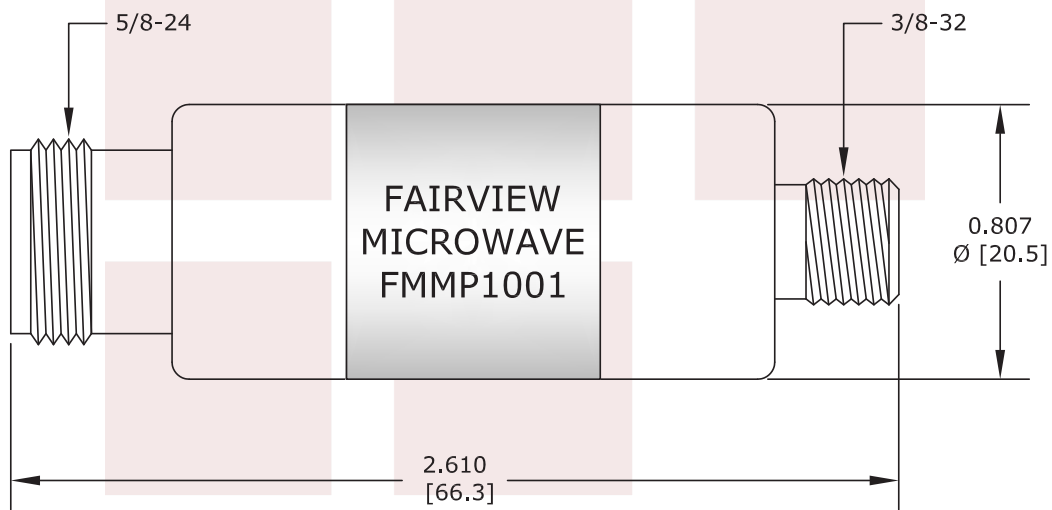


Matching Pad 50 Ohm N Female To 75 Ohm F Female Operating From 0.009 MHz to 3 GHz RoHS Compliant from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Matching Pad 50 Ohm N Female To 75 Ohm F Female Operating From 0.009 MHz to 3 GHz RoHS Compliant FMMP1001](#)

URL: <http://www.fairviewmicrowave.com/matching-pad-50-ohm-n-female-75-ohm-f-female-3-ghz-fmmp1001-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



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TITLE Matching Pad 50 Ohm N Female To 75 Ohm F Female Operating From 0.009 MHz to 3 GHz RoHS Compliant		DWG NO <b>FMMP1001</b>		CAGE CODE <b>3FKR5</b>	
		CAD FILE 052815	SHEET	SCALE N/A	SIZE A