

**Matching Pad 50 Ohm SMA Male 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 2.52 in [64.01 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	SMA Male
Impedance	50 Ohms

Connector 2

Description	Connector
Type	F Female
Impedance	75 Ohms

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant Yes

Plotted and Other Data

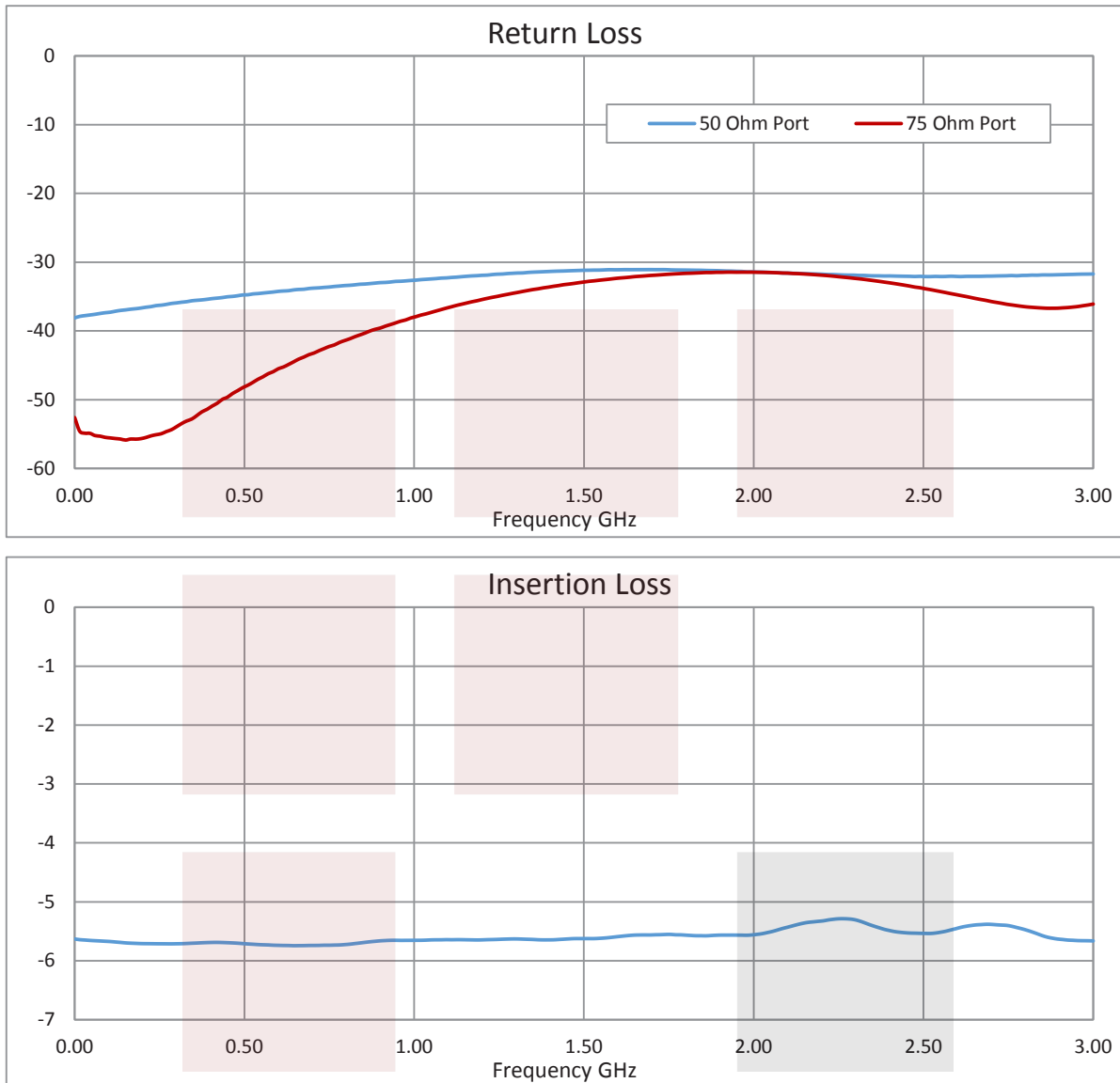
Notes:

- Values at 25 °C, sea level



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Typical Performance Data

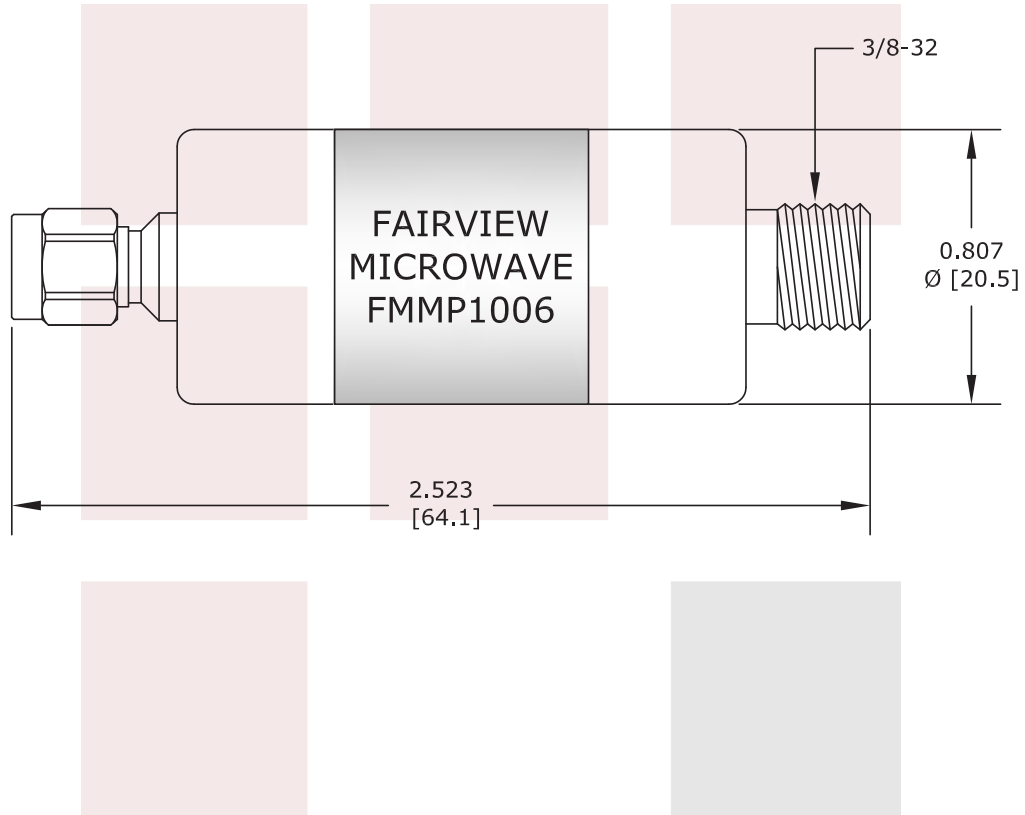


Matching Pad 50 Ohm SMA Male To 75 Ohm F Female Operating From 0.009 MHz to 3 GHz RoHS Compliant from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave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

For additional information on this product, please click the following link: [Matching Pad 50 Ohm SMA Male To 75 Ohm F Female Operating From 0.009 MHz to 3 GHz RoHS Compliant FMMP1006](#)

URL: <http://www.fairviewmicrowave.com/matching-pad-50-ohm-sma-male-75-ohm-f-female-3-ghz-fmmp1006-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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NOTES:
 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].

TITLE
 Matching Pad 50 Ohm SMA Male To 75 Ohm F Female
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DWG NO	FMMP1006		CAGE CODE			3FKR5
CAD FILE	052815	SHEET	SCALE	N/A	SIZE	A 2233