

## Matching Pad 50 Ohm N Male to 75 Ohm F Female Operating from DC to 2 GHz

Fairview Microwave's SI1550 is a 50 ohm type N male to 75 ohm type F female matching pad that operates from DC to 2 GHz. This type N to type F impedance matching pad offers a VSWR of 1.3:1 max. SI1550 50 ohm to 75 ohm minimum loss pad has a maximum CW power rating of 1 Watt.

Matching pads are used to match the different impedance between two devices, maximizing power transfer between the two impedances. Fairview Microwave's minimum loss impedance matching pads are available in various connector combinations to fit your needs, all of which ship the same day.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
VSWR			1.3:1	
Attenuation		5.7		dB
Input Power, CW			1	Watt

Electrical Specification Notes:  
Values at +25°C, sea level.

### Mechanical Specifications

#### Size

Length	2.109 in [53.57 mm]
Width	2.35 in [59.69 mm]
Height	0.95 in [24.13 mm]
Weight	0.093 lbs [42.18 g]
Housing Material and Plating	Brass, Tri-Metal

#### Connector 1

Description	Connector
Type	N Male
Impedance	50 Ohms
Inner Conductor Material and Plating	Gold
Dielectric Type	PTFE
Body Material and Plating	Brass, Tri-Metal

#### Connector 2

Description	Connector
Type	F Female
Impedance	75 Ohms
Inner Conductor Material and Plating	Gold
Dielectric Type	PTFE
Body Material and Plating	Brass, Tri-Metal



### Configuration:

- Connector 1: 50 Ohms N Male
- Connector 2: 75 Ohms F Female

### Features:

- DC to 2 GHz Frequency Range
- VSWR < 1.3:1
- 1W Max CW Power

### Applications:

- CATV / Cable Networks
- Test and Measurement
- Communication Systems
- Wireless Systems

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

**Plotted and Other Data**

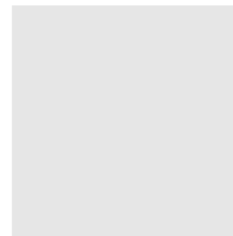
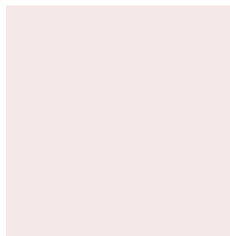
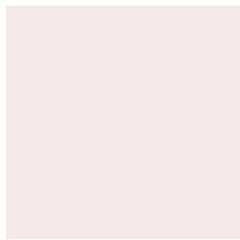
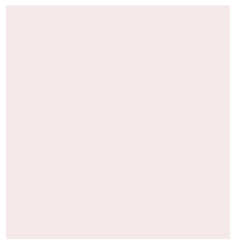
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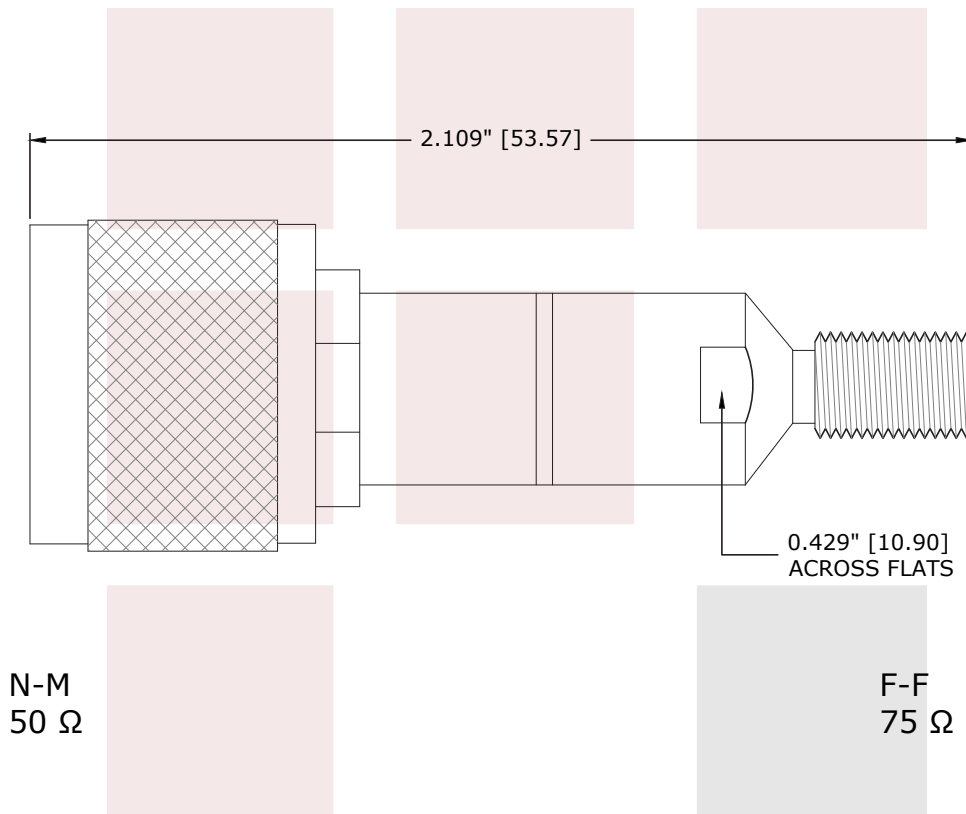
Matching Pad 50 Ohm N Male to 75 Ohm F Female Operating from DC to 2 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Matching Pad 50 Ohm N Male to 75 Ohm F Female Operating from DC to 2 GHz SI1550](#)

URL: <https://www.fairviewmicrowave.com/matching-pad-50-ohm-n-male-75-ohm-f-female-2-ghz-si1550-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 Male to 75 Ohm F Female Operating from DC to 2 GHz		DWG NO <b>SI1550</b>		CAGE CODE <b>3FKR5</b>	
		CAD FILE 101915	SHEET	SCALE N/A	SIZE A 5568