

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

Fairview Microwave's SI1500 is a 75 ohm BNC male to 50 ohm BNC female matching pad that operates from DC to 2 GHz. This BNC to BNC impedance matching pad offers a VSWR of 1.5:1 max. SI1500 75 ohm to 50 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			1.5:1	
Attenuation		5.7		dB
Input Power, CW			1	Watt

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

### Mechanical Specifications

#### Size

Length	2.093 in [53.16 mm]
Width	0.571 in [14.5 mm]
Height	0.75 in [19.05 mm]
Weight	0.0615 lbs [27.9 g]
Housing Material and Plating	Brass, Tri-Metal

#### Connector 1

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

#### Connector 2

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



### Configuration:

- Connector 1: 75 Ohms BNC Male
- Connector 2: 50 Ohms BNC Female

### Features:

- DC to 2 GHz Frequency Range
- VSWR < 1.5:1
- 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**

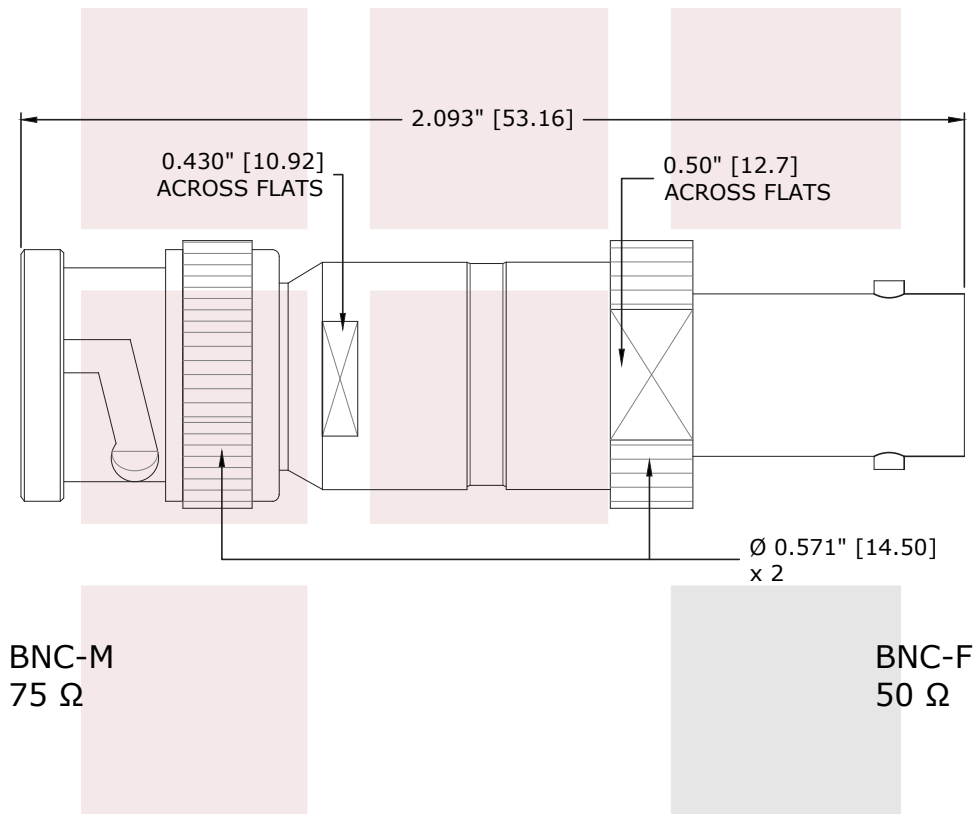
Notes:

Matching Pad 75 Ohm BNC Male to 50 Ohm BNC 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 75 Ohm BNC Male to 50 Ohm BNC Female Operating from DC to 2 GHz SI1500](#)

URL: <https://www.fairviewmicrowave.com/matching-pad-75-ohm-bnc-male-50-ohm-bnc-female-2-ghz-si1500-p.aspx>

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TITLE Matching Pad 75 Ohm BNC Male to 50 Ohm BNC Female Operating from DC to 2 GHz		DWG NO <b>SI1500</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	101915	SHEET	SCALE	N/A	SIZE A 5568