

4 Hole Flange BNC Female (Jack) to BNC Female (Jack) Adapter, Nickel Plated Brass Body, 50 Ohm impedance, 1.35 VSWR



SM3413

Configuration

- BNC Female Connector 1
- BNC Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry
- 4 Hole Flange Mount Method

Features

- VSWR of 1.35:1 max up to 4 GHz
- BNC interface meets MIL-STD-348A
- 30 µin minimum contact plating
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Rack Mounted Equipment

Description

4 hole flange BNC female to BNC female adapter part number SM3413 from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC adapter has a female to female gender configuration. SM3413 BNC female to BNC female adapter operates to 4 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.35:1 maximum. Our RF BNC 4 hole flange to BNC adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms

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

Mechanical Specifications

Size

Length	1.28 in [32.51 mm]
Width	0.69 in [17.50 mm]
Height	0.69 in [17.50 mm]
Weight	0.04 lbs [16.78 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Description	Connector 1	Connector 2
Interface Specification	MIL-STD-348A	MIL-STD-348A

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Female		BNC Female	
Contact	Brass	Gold 30 µin minimum	Brass	Gold 30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100 µin minimum	Brass	Nickel 100 µin minimum

Environmental Specifications

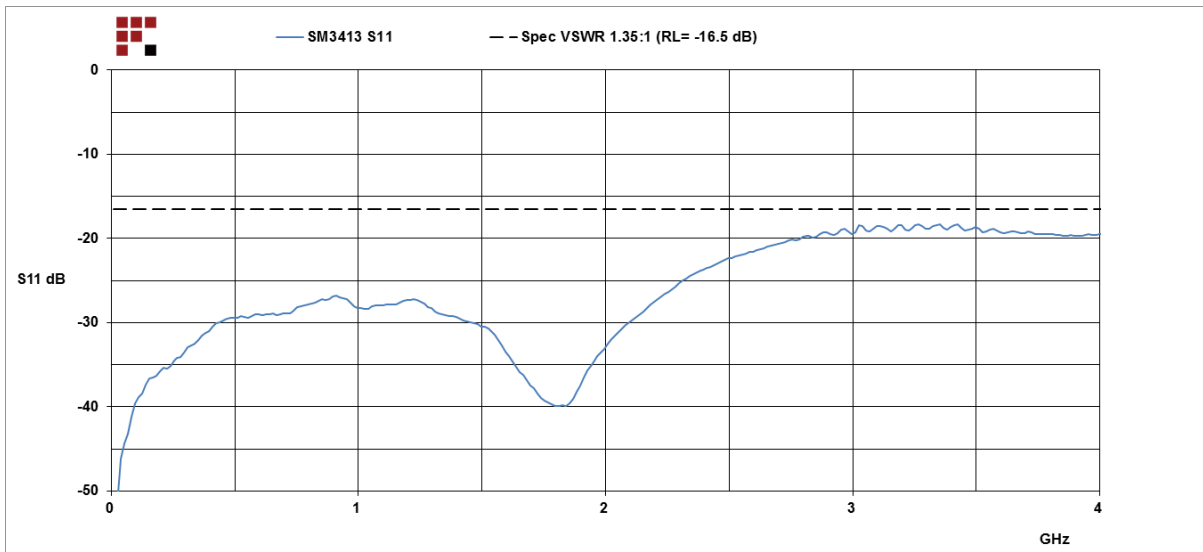
Temperature

Operating Range -65 to +165 °C

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

Plotted and Other Data

Typical Performance Data



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For additional information on this product, please click the following link: [4 Hole Flange BNC Female \(Jack\) to BNC Female \(Jack\) Adapter, Nickel Plated Brass Body, 50 Ohm impedance, 1.35 VSWR SM3413](#)

URL: <https://www.fairviewmicrowave.com/4-hole-flange-bnc-female-bnc-female-adapter-sm3413-p.aspx>

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SM3413 CAD Drawing

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