

TNC Male to BNC Male Adapter



FMAD9181

Configuration

- TNC Male Connector 1
- BNC Male Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

Features

- VSWR of 1.3:1 max up to 4 GHz
- Gold Plated Brass Contact

Applications

- Enables Between Series Connections
- General Purpose Test

Description

TNC male to BNC male adapter part number FMAD9181 from Fairview Microwave is in-stock and ships same day. This Fairview TNC to BNC adapter has a male to male gender configuration. FMAD9181 TNC male to BNC male adapter operates to 4 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum.

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			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	0.57 in [14.48 mm]
Width	0.57 in [14.48 mm]
Height	1.26 in [32.00 mm]
Weight	0.02 lbs [6.80 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TNC Male		BNC Male	
Contact	Brass	Gold	Brass	Gold
Insulation	Delrin		Delrin	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Gasket	PVC		PVC	
Washer	Steel	Nickel	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

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

Plotted and Other Data

TNC Male to BNC Male Adapter 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: [TNC Male to BNC Male Adapter FMAD9181](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-to-bnc-male-adapter-fmad9181-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

FMAD9181 CAD Drawing

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