

BNC Male (Plug) to TNC Female (Jack)  
Adapter, Commercial Grade

FMAD10082



Configuration

- BNC Male Connector 1
  - TNC Female Connector 2
  - 50 Ohms Impedance
- Commercial Grade Design
  - Straight Body Geometry

Features

- Gold Plated Brass Contact

Applications

- Enables Between Series Connections
- General Purpose Test

Description

BNC male to TNC female adapter part number FMAD10082 from Fairview Microwave is in-stock and ships same day. This Fairview BNC to TNC adapter has a male to female gender configuration in a commercial grade design. FMAD10082 BNC male to TNC female adapter operates to 3.5 GHz.

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		3.5	GHz
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.22 in [30.99 mm]
Width	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]
Weight	0.40 lbs [181.44 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

## BNC Male (Plug) to TNC Female (Jack) Adapter, Commercial Grade

**FMAD10082**



### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Male		TNC Female	
Contact	Brass	Gold	Brass	Gold
Insulation	POM		POM	
Outer Conductor	Brass	Nickel		
Body	Brass	Nickel	Brass	Nickel
Coupling Nut	Zinc Alloy	Nickel		

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

BNC Male (Plug) to TNC Female (Jack) Adapter, Commercial Grade 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: [BNC Male \(Plug\) to TNC Female \(Jack\) Adapter, Commercial Grade FMAD10082](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/bnc-male-to-tnc-female-adapter-fmad10082.html>

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.

**FMAD10082 CAD Drawing**  
 BNC Male (Plug) to TNC Female (Jack) Adapter, Commercial Grade

