

Low PIM TNC Female to TNC Female Adapter



## RF Adapters Technical Data Sheet

ET1281

2

### Configuration

- TNC Female Connector 1
- TNC Female Connector 2
- 50 Ohm

- Low PIM Design
- Straight Body Geometry

#### Features

Typical PIM levels of -160 dBc

Silver Plated Beryllium Copper Contact

### Applications

General Purpose Test

Low PIM Applications

### Description

Ebeestock's ET12812 TNC female to TNC female adapter is part of our full line of RF components available for same-day shipping. Our TNC to TNC adapter has a female to female gender configuration in a low PIM design. ET12812 TNC female to TNC female adapter operates to 6 GHz. The Ebeestock adapter provides a passive intermodulation of -160 dBc typical.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/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. Ebeestock 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.

requency Range	DC		6	GHz
SWR		1.2:1		
assive Intermodulation		-160		dBc
ielectric Withstanding Voltage (AC)			1,000	Vrms

				. =
Mecl	hanical	Sne	cifica	ations

Size

VSWR, Typ

Length 1.33 in [33.78 mm]

1.3:1

DC to 3

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM TNC Female to TNC Female Adapter ET12812

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

GHz



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 Width
 0.472 in [11.99 mm]

 Weight
 0.5 lbs [226.8 g]

Description	Connector 1	Connector 2	
Type	TNC Female	TNC Female	
Polarity	Standard	Standard	

### Material Specifications

Connector 1		Connector 2	
Material	Plating	Material	Plating
TNC Female		TNC Female	
Beryllium Copper	Silver	Beryllium Copper	Silver
PTFE		PTFE	
Brass	Tri-Metal	Brass	Tri-Metal
Brass	Tri-Metal	Brass	Tri-Metal
	Material TNC Female Beryllium Copper PTFE Brass	MaterialPlatingTNC FemaleSilverBeryllium CopperSilverPTFEBrassTri-Metal	MaterialPlatingMaterialTNC FemaleTNC FemaleBeryllium CopperSilverBeryllium CopperPTFEPTFEPTFEBrassTri-MetalBrass

# **Environmental Specifications**

Temperature

Operating Range -40 to +155 °C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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Low PIM TNC Female to TNC Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Low PIM TNC Female to TNC Female Adapter ET12812

URL: https://www.ebeestock.com/low-pim-tnc-female-to-tnc-female-adapter-0012812

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

