

TNC Tee Adapter Female-Male-Female



# RF Adapters Technical Data Sheet

ET1283

1

## Configuration

- TNC Female Connector 1
- TNC Male Connector 2

- 50 Ohms
- Tee Body Geometry

## Features

Typical VSWR of 2.1:1 up to 11 GHz

Gold Plated Contact

## Applications

General Purpose Test

#### Description

Ebeestock's ET12831 TNC female to TNC male tee adapter is part of our full line of RF components available for same-day shipping. Our TNC tee adapter has a female-male-female gender configuration. Our TNC tee connector operates to 11 GHz. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports.

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.

Electrical Specifications				
Frequency Range	DC		1 1	GHz
VSWR		2.1:1		

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

## Mechanical Specifications

Size	
Length	1.282 in [32.56 mm
Width	0.59 in [14.99 mm]
Height	1.122 in [28.5 mm]
Weight	0.068 lbs [30.84 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Female to TNC Male Tee Adapter ET12831

www.ebeestock.com



TNC Tee Adapter Female-Male-Female



# RF Adapters Technical Data Sheet ET12831

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

#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	TNC Female		TNC Male	
Contact		Gold		Gold
Insulation	PTFE		PTFE	
Body			Brass	Nickel
Coupling Nut			Brass	Nickel

## Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

## Plotted and Other Data

Notes:

TNC Female to TNC Male Tee Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% 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: TNC Female to TNC Male Tee Adapter ET12831

URL: https://www.ebeestock.com/tnc-tee-adapter-female-male-female-0012831

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.

# ET12831 CAD Drawing TNC Female to TNC Male Tee Adapter

