

75 Ohm TNC Male to 75 Ohm F Female Adapter



RF Adapters Technical Data Sheet

ET12318

Configuration

- TNC Male Connector 1
- F Female Connector 2

- 75 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.35:1 up to 2 GHz
- TNC Interface compliant with MIL-STD-348
- F Interface compliant with MIL-C-39012

- Gold over Nickel Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

Applications

Allows Connection Between Series
 General Purpose Test

Description

Ebeestock's ET12318 75 ohm TNC male to type F female adapter is part of our full line of RF components available for sameday shipping. Our TNC to type F adapter has a male to female gender configuration. ET12318 TNC male to type F female adapter operates to 2 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 maximum.

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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

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

Mechanical Specifications

Size

 Length
 1.19 in [30.23 mm]

 Width
 0.6 in [15.24 mm]

 Weight
 0.043 lbs [19.5 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm TNC Male to F Female Adapter ET12318

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



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Description	Connector 1	Connector 2
Туре	TNC Male	F Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-C-39012
Hex Size	7/16 in.	

Material Specifications

	Connector 1		Connector 2		
Description	Material	Plating	Material	Plating	
Туре	TNC Male		F Female		
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
		MIL-G-45204		MIL-G-45204	
Insulation	PTFE		PTFE		
Outer Conductor			Brass	Nickel	
				QQ-P-35	
Body	Brass	Nickel			
		QQ-N-290			
Coupling Nut	Brass	Nickel			
		QQ-N-290			

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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75 Ohm TNC Male to F Female 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.

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URL: https://www.ebeestock.com/75-ohm-tnc-male-to-75-ohm-f-female-adapter-0012318

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.

