

SMA Male to TNC Female 4 Hole Flange Mount Adapter



# RF Adapters Technical Data Sheet

ET1271

2

## Configuration

- SMA Male Connector 1
- TNC Female Connector 2
- 50 Ohms

- Straight Body Geometry
- 4 Hole Flange Mount Method

#### Features

- Max VSWR of 1.3:1 up to 11 GHz
- SMA Interface compliant with MIL-STD-348
- TNC Interface compliant with MIL-STD-348
- Gold over Nickel Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

# Applications

- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment

#### Description

Ebeestock's ET12712 SMA male to TNC female 4 hole flange adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to TNC adapter has a male to female gender configuration. ET12712 SMA male to TNC female adapter operates to 11 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum. This RF SMA to TNC 4 hole flange adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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	11	GHz
VSWR		1.3:1	

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

### Mechanical Specifications

Size

 Length
 1.03 in [26.16 mm]

 Width
 0.688 in [17.48 mm]

 Height
 0.027 lbs [12.25 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to TNC Female 4 Hole Flange Adapter ET12712

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



SMA Male to TNC Female 4 Hole Flange Mount Adapter



# RF Adapters Technical Data Sheet ET12712

Description	Connector 1	Connector 2
Туре	SMA Male	TNC Female
Polarity	Standard	Standard
nterface Specification	MIL-STD-348	MIL-STD-348
Hex Size	5/16 in.	
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]	

#### Material Specifications

	Connector 1		Connector 2	
Description	n Material	Plating	Material	Plating
Туре	SMA Male		TNC Female	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Passivated Stainless Steel	
Body	Passivated Stainless Steel			
Coupling Nut	Passivated Stainless Steel			

## **Environmental Specifications**

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

## Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to TNC Female 4 Hole Flange Adapter ET12712



SMA Male to TNC Female 4 Hole Flange Mount Adapter



# RF Adapters Technical Data Sheet ET12712

SMA Male to TNC Female 4 Hole Flange 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: SMA Male to TNC Female 4 Hole Flange Adapter ET12712

URL: https://www.ebeestock.com/sma-male-to-tnc-female-4-hole-flange-mount-adapter-0012712

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.

ET12712 CAD Drawing
SMA Male to TNC Female 4 Hole Flange Adapter

