

SMA Female to TNC Female Adapter



RF Adapters Technical Data Sheet

ET1262

3

Configuration

- SMA Female Connector 1
- TNC Female Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- SMA Interface compliant with MIL-STD-348
- TNC Interface compliant with MIL-STD-348
- Gold over Copper Plated Beryllium Copper Contact
- 30 µin min Gold over Copper Contact Plating

Applications

Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12623 SMA female to TNC female 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 female to female gender configuration. ET12623 SMA female to TNC female adapter operates to 11 GHz.

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.

ctrical Specifications			
Erequency Range	DC	11	GHz
Operating Voltage (AC)		500	Vrms
Dielectric Withstanding Voltage (AC)		1,500	Vrms

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

Mechanical Specifications

Size

 Length
 1.32 in [33.53 mm]

 Width
 0.57 in [14.48 mm]

 Weight
 0.041 lbs [18.6 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to TNC Female Adapter ET12623



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Connector 1	Connector 2	
SMA Female	TNC Female	
Standard	Standard	
MIL-STD-348	MIL-STD-348	
	SMA Female Standard	

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Туре	SMA Female		TNC Female	
Contact	Beryllium Copper	Gold over Copper	Beryllium Copper	Gold over Copper
		30 µin minimum		30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
		150 µin minimum		150 µin minimum

Environmental Specifications Tomporature

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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SMA 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% 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 Female to TNC Female Adapter ET12623

URL: https://www.ebeestock.com/sma-female-to-tnc-female-adapter-0012623

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.

ET12623 CAD Drawing

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