

SMA Female to RP-TNC Male Adapter



# RF Adapters Technical Data Sheet

ET1274

#### Configuration

- SMA Female Connector 1
- TNC Male Reverse Polarity Connector 2
- 50 Ohms
- Straight Body Geometry

#### Features

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

## Applications

- Allows Connection Between Series
- General Purpose Test

#### Description

Ebeestock's ET12740 SMA female to rp TNC male 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 reverse polarity TNC adapter has a female to male gender configuration. ET12740 SMA female to reverse polarity TNC male 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.

lectrical Specifications				
Erequency Range	DC	11	GHz	
Operating Voltage (AC)		500	Vrms	
Dielectric Withstanding Voltage (AC)		1,000	Vrms	

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

#### Mechanical Specifications

Size

 Length
 1.05 in [26.67 mm]

 Width
 0.59 in [14.99 mm]

 Weight
 0.04 lbs [18.14 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 RP TNC Male Adapter ET12740

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Description	Connector 1	Connector 2
Type	SMA Female	TNC Male
Polarity	Standard	Reverse Polarity
Interface Specification	MIL-STD-348A	MIL-STD-348A

#### Material Specifications

	Connector 1		tor 2
Material	Plating	Material	Plating
SMA Female		TNC Male Reverse Polarity	
Beryllium Copper	Gold	Beryllium Copper	Gold
	30 µin minimum		30 µin minimum
PTFE		PTFE	
Brass	Nickel		
	150 µin minimum		
		Brass	Nickel
			150 µin minimum
		Brass	Nickel
			150 µin minimum
	SMA Female Beryllium Copper  PTFE	SMA Female  Beryllium Copper Gold 30 µin minimum  PTFE  Brass Nickel	SMA Female  Beryllium Copper  Gold  Beryllium Copper  30 µin minimum  PTFE  Brass  Nickel  150 µin minimum  Brass

# **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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### RF Adapters Technical Data Sheet ET12740

SMA Female to RP TNC Male 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 RP TNC Male Adapter ET12740

URL: https://www.ebeestock.com/sma-female-to-rp-tnc-male-adapter-0012740

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.

# ET12740 CAD Drawing SMA Female to RP TNC Male Adapter

