

# SMA Female to RP-TNC Female Adapter



# RF Adapters Technical Data Sheet

ET1274

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## Configuration

- SMA Female Connector 1
- TNC Female Reverse Polarity Connector 2

## Features

- Max VSWR of 1.25:1 up to 11 GHz
- SMA interface compliant with MIL-STD-348
- TNC interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Max VSWR of 1.25:1 up to 11 GHz

- 50 Ohm
- Straight Body Geometry
- SMA Interface compliant with MIL-STD-348
- TNC Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

## Applications

- Allows Connection Between Series
- General Purpose Test
- Allows Connection Between Series
- General Purpose Test

## Description

Ebeestock's ET12741 SMA female to RP TNC female adapter is part of our full line of RF components available for sameday 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 female gender configuration. ET12741 SMA female to reverse polarity TNC female adapter operates to 11 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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			
Frequency Range	DC	11	GHz
VSWR		1.25:1	

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

## Mechanical Specifications

Size

 Length
 1.12 in [28.45 mm]

 Width
 0.5 in [12.7 mm]

 Weight
 0.025 lbs [11.34 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 Female Adapter ET12741

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TNC Female
Reverse Polarity
MIL-STD-348

## Material Specifications

Conne	ector 1	Con	nector 2	
Material	Plating	Material	Plating	
SMA Female	TNC Female Reverse Polarity			
Contact	Gold		Gold	
	MIL-G-45204		MIL-G-45204	
PTFE		PTFE		
Outer Conductor Brass	Nickel	Brass	Nickel	
	QQ-N-290		QQ-N-290	
	Material SMA Female PTFE	SMA Female  Gold MIL-G-45204  PTFE  Brass Nickel	MaterialPlatingMaterialSMA FemaleTNC Female Reverse PolarGold MIL-G-45204PTFEBrassNickelBrass	

## **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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SMA Female to RP-TNC Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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 Female Adapter ET12741

URL: https://www.ebeestock.com/sma-female-to-rp-tnc-female-adapter-0012741

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.

# ET12741 CAD Drawing SMA Female to RP-TNC Female Adapter

