

SMA Female to TNC Male Adapter



RF Adapters Technical Data Sheet

ET1272

Configuration

- SMA Female Connector 1
- TNC Male Connector 2

Features

- Max VSWR of 1.25:1 up to 18 GHz
- SMA interface compliant with MIL-C-39012

- 50 Ohms
- Straight Body Geometry
- TNC interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact

Applications

• Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12720 SMA female to 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 TNC adapter has a female to male gender configuration. ET12720 SMA female to TNC male adapter operates to 18 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	18	GHz
VSWR		1.25:1	

Mechanical Specifications

Size
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Width
Weight

1.52 in [38.61 mm] 0.625 in [15.88 mm] 0.077 lbs [34.93 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 Male Adapter ET12720



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Connector 1	Connector 2
SMA Female	TNC Male
Standard	Standard
MIL-C-39012	MIL-C-39012
	5/8 in
	SMA Female Standard

Mechanical Specification Notes:

TNC connector is mode free up to 18 GHz.

Material Specifications

	Connector 1		Connec	tor 2		
Description	Material	Plating	Material	Plating		
Туре	SMA Female		TNC Male			
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold		
Outer Conductor Passivated Stainless Steel						
Body		Passivated Stainless Steel				
Coupling Nut			Passivated Stainless Steel			

Environmental Specifications

Temperature

Operating Range

-65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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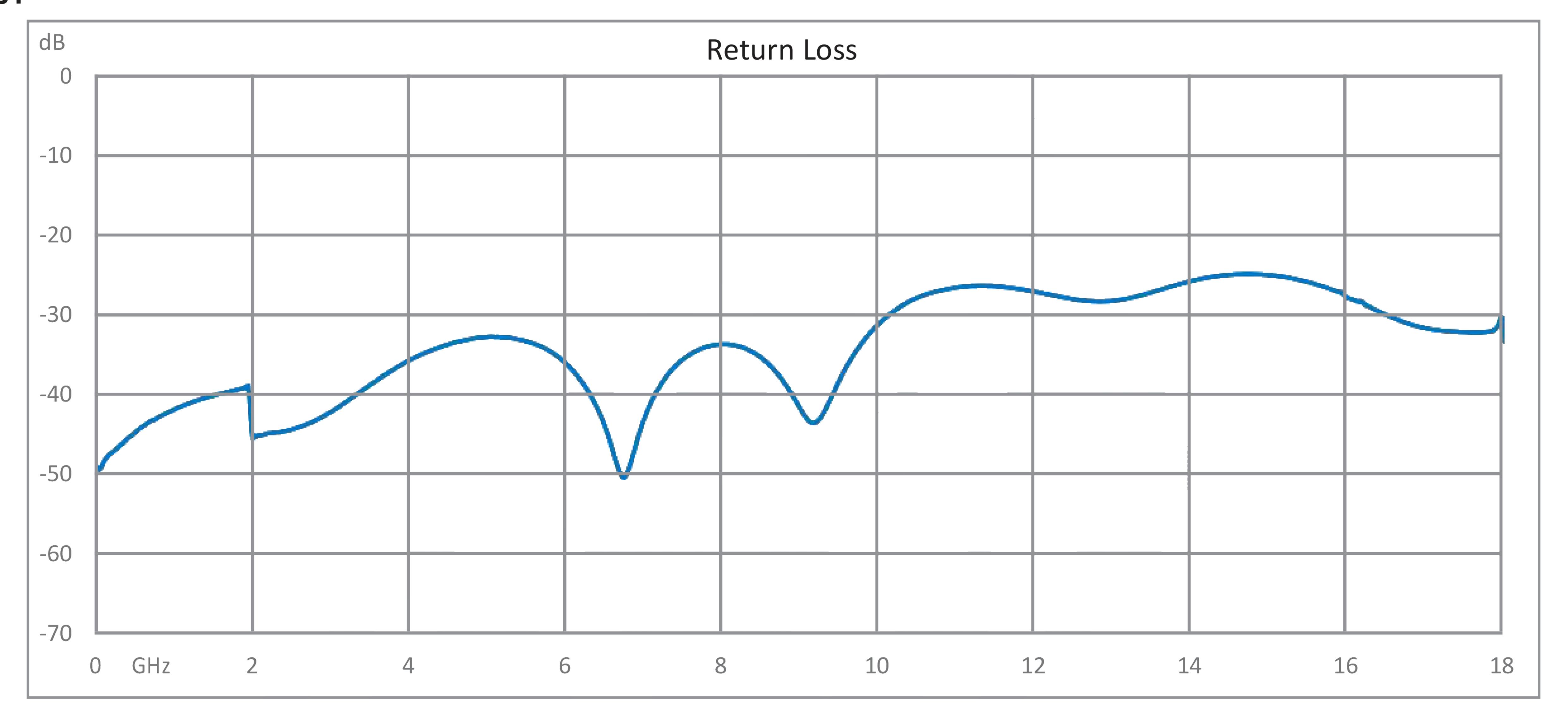


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Typical Performance Data



SMA Female to 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 TNC Male Adapter ET12720

URL: https://www.ebeestock.com/sma-female-to-tnc-male-adapter-0012720

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. <a href="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.

ET12720 CAD Drawing SMA Female to TNC Male Adapter

