

SMA Male to TNC Female Adapter



RF Adapters Technical Data Sheet

ET12696

Configuration

- SMA Male Connector 1
- TNC Female Connector 2

Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 18 GHz
- Gold over Nickel Plated Beryllium Copper Contact
- Max VSWR of 1.20:1 up to 18 GHz

- SMA Interface compliant with MIL-C-39012
- TNC Interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact

Applications

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

Description

Ebeestock's ET12696 SMA male 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 male to female gender configuration built of durable stainless steel. ET12696 SMA male to TNC female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.2:1	

Mechanical Specifications

Size

Length 1.25 in [31.75 mm]

Description	Connector 1	Connector 2
Type	SMA Male	TNC Female
Polarity	Standard	Standard

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 Adapter ET12696



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Mechanical Specification Notes: TNC connector is mode free up to 18 GHz.

Material Specifications

	Connector 1		Connector 2		
Descriptio	n Material	Plating	Material	Plating	
Туре	SMA Male		TNC Female		
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
Insulation	PTFE		PTFE		
Outer Conducto	r		Passivated Stainless Steel		
Body	Passivated Stainless Steel		Passivated Stainless Steel		
Coupling Nut	Passivated Stainless Steel				

Compliance Certifications (see product page for current document)

SMA Male 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 99.4% 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 Male to TNC Female Adapter ET12696

URL: https://www.ebeestock.com/sma-male-to-tnc-female-adapter-0012696

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.

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