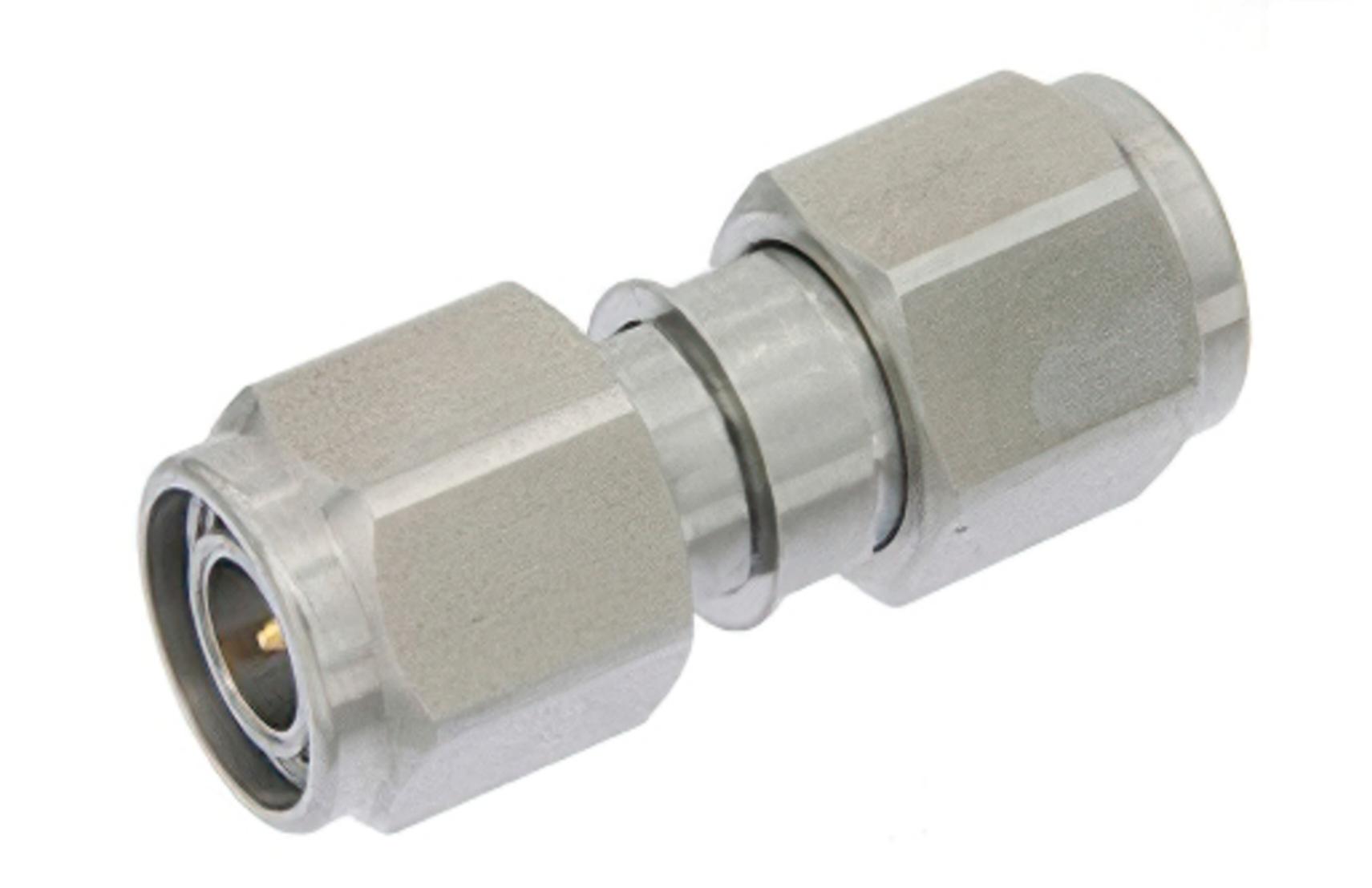


TNC Male to TNC Male Adapter



# RF Adapters Technical Data Sheet

ET1283

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### Configuration

- TNC Male Connector 1
- TNC Male Connector 2

#### Features

- Max VSWR of 1.25:1 up to 18 GHz
- TNC Interface compliant with MIL-STD-348

- 50 Ohms
- Straight Body Geometry
- Gold over Nickel Plated Beryllium Copper Contact
- 50 μin min Gold over Nickel Contact Plating

## Applications

General Purpose Test

#### Description

Ebeestock's ET12839 TNC male to TNC male adapter is part of our full line of RF components available for same-day shipping. Our TNC to TNC adapter has a male to male gender configuration built of durable stainless steel. ET12839 TNC male 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.

ectrical Specifications			
Erequency Range	DC	18	GHz
VSWR		1.25:1	
Insertion Loss		0.3	dB
Dielectric Withstanding Voltage (AC)		1,500	Vrms
Insulation Resistance	5,000		MOhms

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

#### Mechanical Specifications

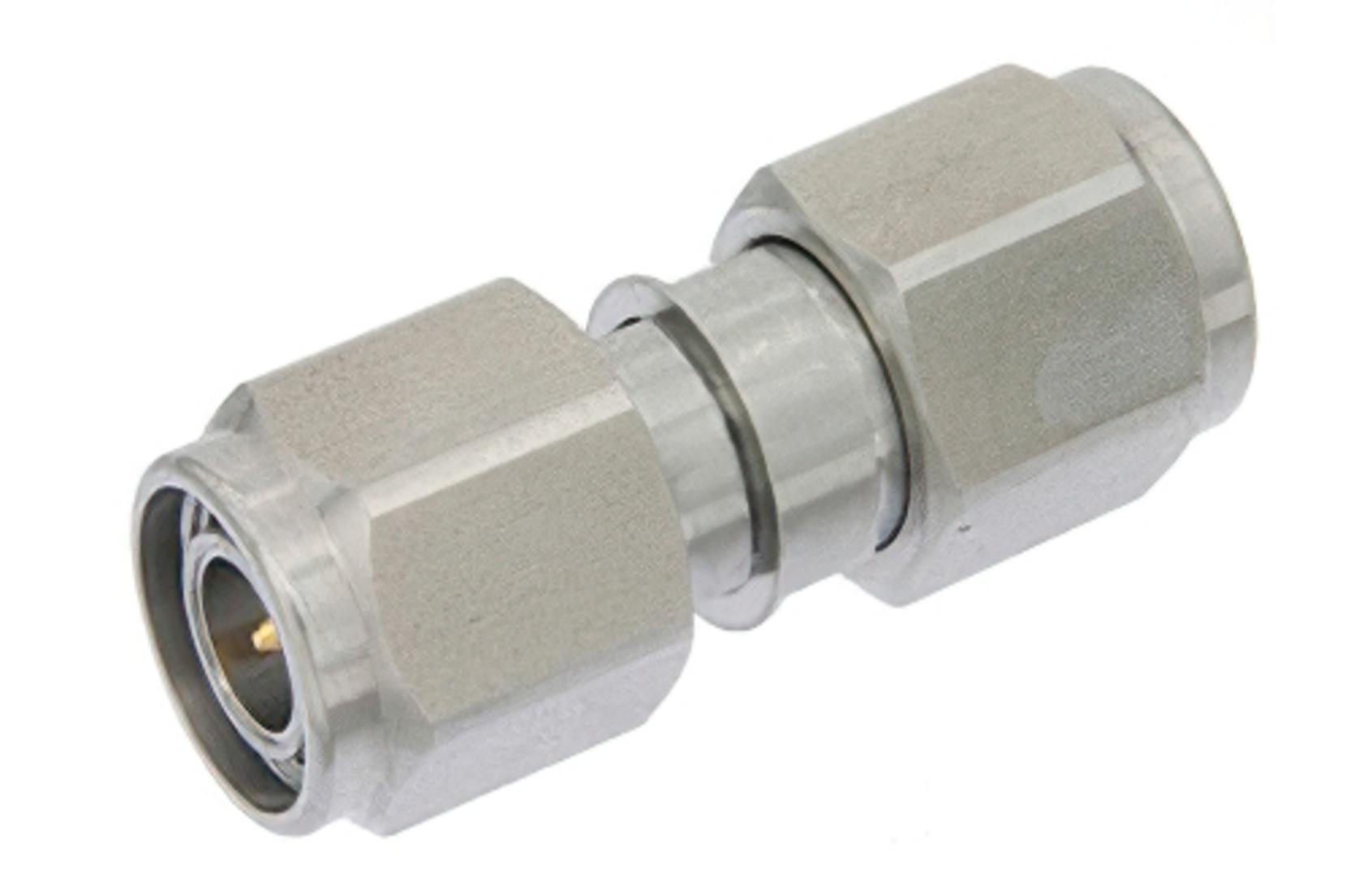
Size

Length Uidth 1.55 in [39.37 mm] 0.56 in [14.22 mm] 0.165 lbs [74.84 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Male to TNC Male Adapter ET12839



TNC Male to TNC Male Adapter



# RF Adapters Technical Data Sheet ET12839

Description	Connector 1	Connector 2
Type	TNC Male	TNC Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Hex Size	9/16 in.	9/16 in.
Mating Torque	12 to 15 in-lbs [1.36 to 1.70 Nm]	12 to 15 in-lbs [1.36 to 1.70 Nm]

#### Material Specifications

	Connector 1		Connector 2	
Descriptio	n Material	Plating	Material	Plating
Туре	TNC Male		TNC Male	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		50 µin minimum		50 μin minimum
Insulation	PTFE		PTFE	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
		SAE-AMS-2700		SAE-AMS-2700
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	
		SAE-AMS-2700		SAE-AMS-2700

# **Environmental Specifications Temperature**

Operating Range -55 to +150 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes

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TNC Male to TNC Male Adapter



# RF Adapters Technical Data Sheet ET12839

TNC Male 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: TNC Male to TNC Male Adapter ET12839

URL: https://www.ebeestock.com/tnc-male-to-tnc-male-adapter-0012839

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.

# ET12839 CAD Drawing TNC Male to TNC Male Adapter

