

TNC Female to UHF Male Adapter



RF Adapters Technical Data Sheet

ET1283

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Configuration

- TNC Female Connector 1
- UHF Male Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.3:1 up to 300 MHz
- Gold Plated Brass Contact

• 30 μ-in min Gold Contact Plating

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12837 TNC female to UHF male adapter is part of our full line of RF components available for same-day shipping. Our TNC to UHF adapter has a female to male gender configuration. ET12837 TNC female to UHF male adapter operates to 300 MHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 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.

| ctrical Specifications | | |
|--------------------------------------|---------|------|
| Erequency Range | 300 | MHz |
| VSWR | 1.3:1 | |
| Operating Voltage (AC) | 500 | Vrms |
| Dielectric Withstanding Voltage (AC) | 1,500 | Vrms |

Mechanical Specifications

| Size | | | | | |
|----------|---------------------|----------|--|--|--|
| Length | 1.146 in [29.11 mm] | | | | |
| Width | 0.709 in [18.01 mm] | | | | |
| Weight | 0.048 lbs [21.77 g] | | | | |
| | | | | | |
| Type | TNC Female | UHF Male | | | |
| 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: TNC Female to UHF Male Adapter ET12837

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Material Specifications

| | Connector 1 | | Con | nector 2 |
|-----------------|-------------|------------------|----------|------------------|
| Description | Material | Plating | Material | Plating |
| Туре | TNC Female | | UHF Male | |
| Contact | Brass | Gold | Brass | Gold |
| | | 30 µ-in minimum | | 30 µ-in minimum |
| Insulation | PTFE | | PTFE | |
| Outer Conductor | Brass | Nickel | | |
| | | 100 μ-in minimum | | |
| Body | | | Brass | Nickel |
| | | | | 100 μ-in minimum |
| Coupling Nut | | | Brass | Nickel |
| | | | | 100 μ-in minimum |
| | | | | |

Environmental SpecificationsTemperature

Operating Range

-55 to +85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

TNC Female to UHF 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.

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URL: https://www.ebeestock.com/tnc-female-to-uhf-male-adapter-0012837

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.

ET12837 CAD Drawing TNC Female to UHF Male Adapter

