



## RF Adapters Technical Data Sheet

ET12805

### Configuration

- TNC Female Connector 1
- Limited Detent SMP Male Connector 2
- 50 Ohm

- Straight Body Geometry
- Bulkhead Mount Method

#### Features

• Max VSWR of 1.3:1 up to 8 GHz

Gold Plated Contact

### Applications

• Allows Connection Between Series

General Purpose Test

Rack Mounted Equipment

### Description

Ebeestock's ET12805 TNC female to SMP male limited detent bulkhead adapter is part of our full line of RF components available for same-day shipping. Our TNC to SMP adapter has a female to male gender configuration. ET12805 TNC female to SMP male adapter operates to 8 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum. This RF TNC to SMP bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		8	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			500	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms

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

### Mechanical Specifications

Size

Length 1 in [25.4 mm]

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 SMP Male Limited Detent Bulkhead Mount Adapter ET12805

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

Webstie:www.ebeestock.com Email:sales@ebeestock.com





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Width 0.5 in [12.7 mm] Weight 0.02 lbs [9.07 g]

SMP Male
Standard
500

### Material Specifications

	Connector 1		Connector 2			
Description	Material	Plating	Material	Plating		
Туре	TNC Female	Limited Detent SMP Male				
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold		
Insulation	PTFE		PTFE			
Outer Conductor	Brass	Nickel				
Body			Brass	Nickel		

#### **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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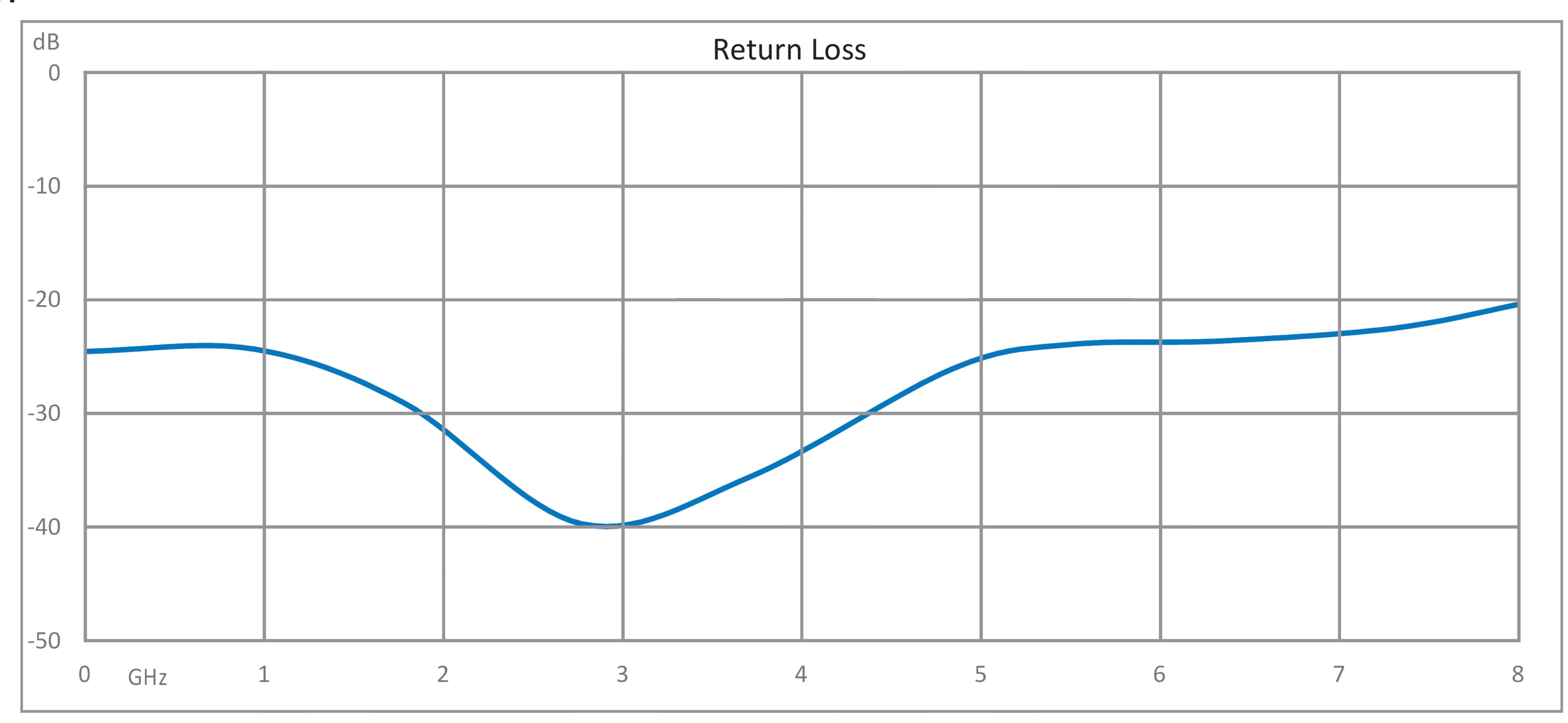


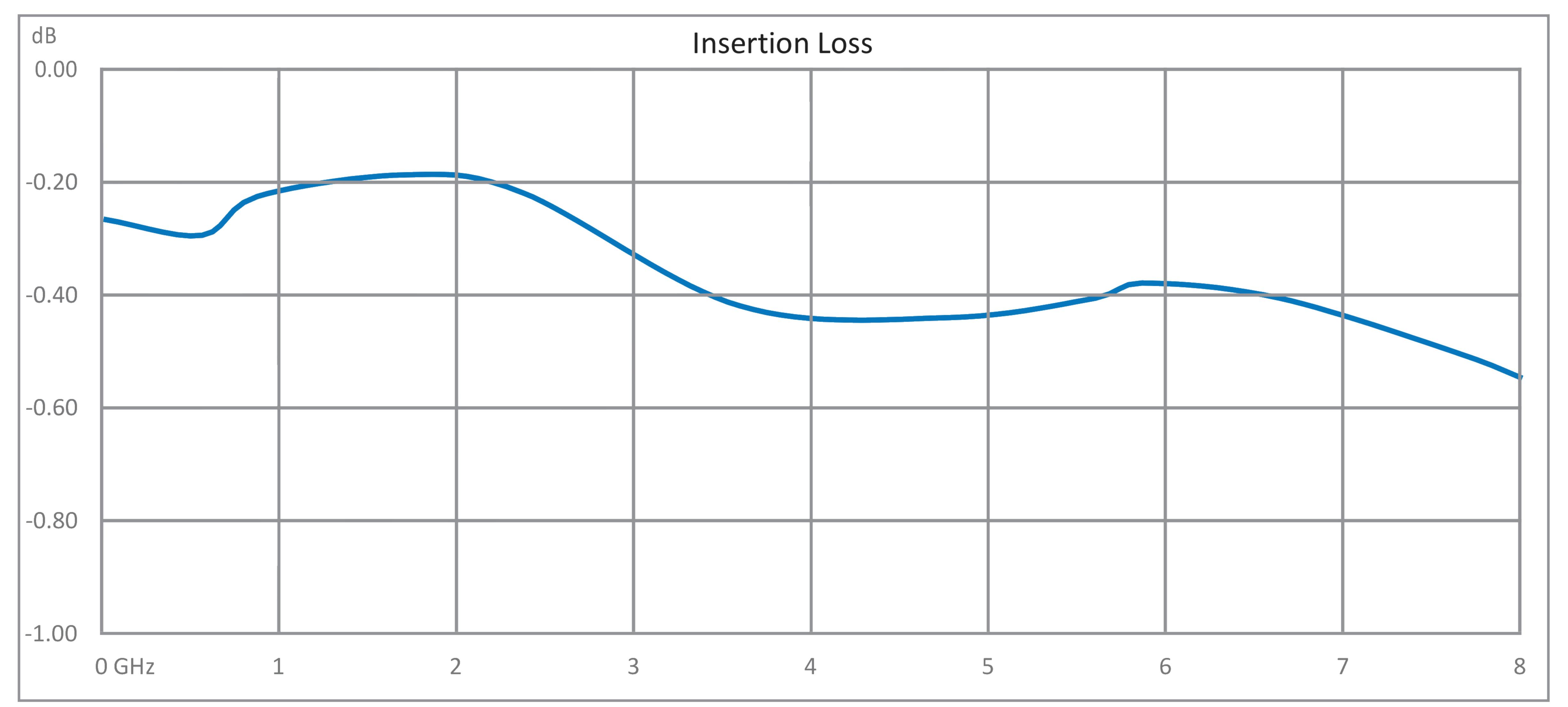


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### Typical Performance Data





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TNC Female to SMP Male Limited Detent Bulkhead Mount 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 Female to SMP Male Limited Detent Bulkhead Mount Adapter ET12805

**URL:** https://www.ebeestock.com/tnc-female-to-smp-male-limited-detent-bulkhead-mount-adapter-001 2805

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.

