



RF Adapters Technical Data Sheet

ET1262

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Configuration

- SMA Female Connector 1
- TNC Male Connector 2

Features

- Max VSWR of 1.3:1 up to 11 GHz
- SMA and TNC Interface compliant with MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Gold Plated Beryllium Copper Contact
- 50 μ-in min. Gold Contact Plating

Applications

• Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12621 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. ET12621 SMA female to TNC male adapter operates to 11 GHz. 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	DC		11	GHz
VSWR		1.2:1	1.3:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size
Length
Width
Height
Weight

1.173 in [29.79 mm] 0.571 in [14.5 mm] 0.571 in [14.5 mm] 0.041 lbs [18.6 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 ET12621

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





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Connector 1	Connector 2
SMA Female	TNC Male
Standard	Standard
MIL-STD-348A	MIL-STD-348A
500	500
	SMA Female Standard MIL-STD-348A

Material Specifications

		ector 1	Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		TNC Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		50µ in. minimum		50μ in. minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
		100μ in. minimum		
Body			Brass	Nickel
				100μ in. minimum
Gasket			Silicone	
Coupling Nut		Brass	Nickel	
				100μ in. minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Vibration MIL-STD-202. Method 204, Condition D Salt Spray MIL-STD-202. Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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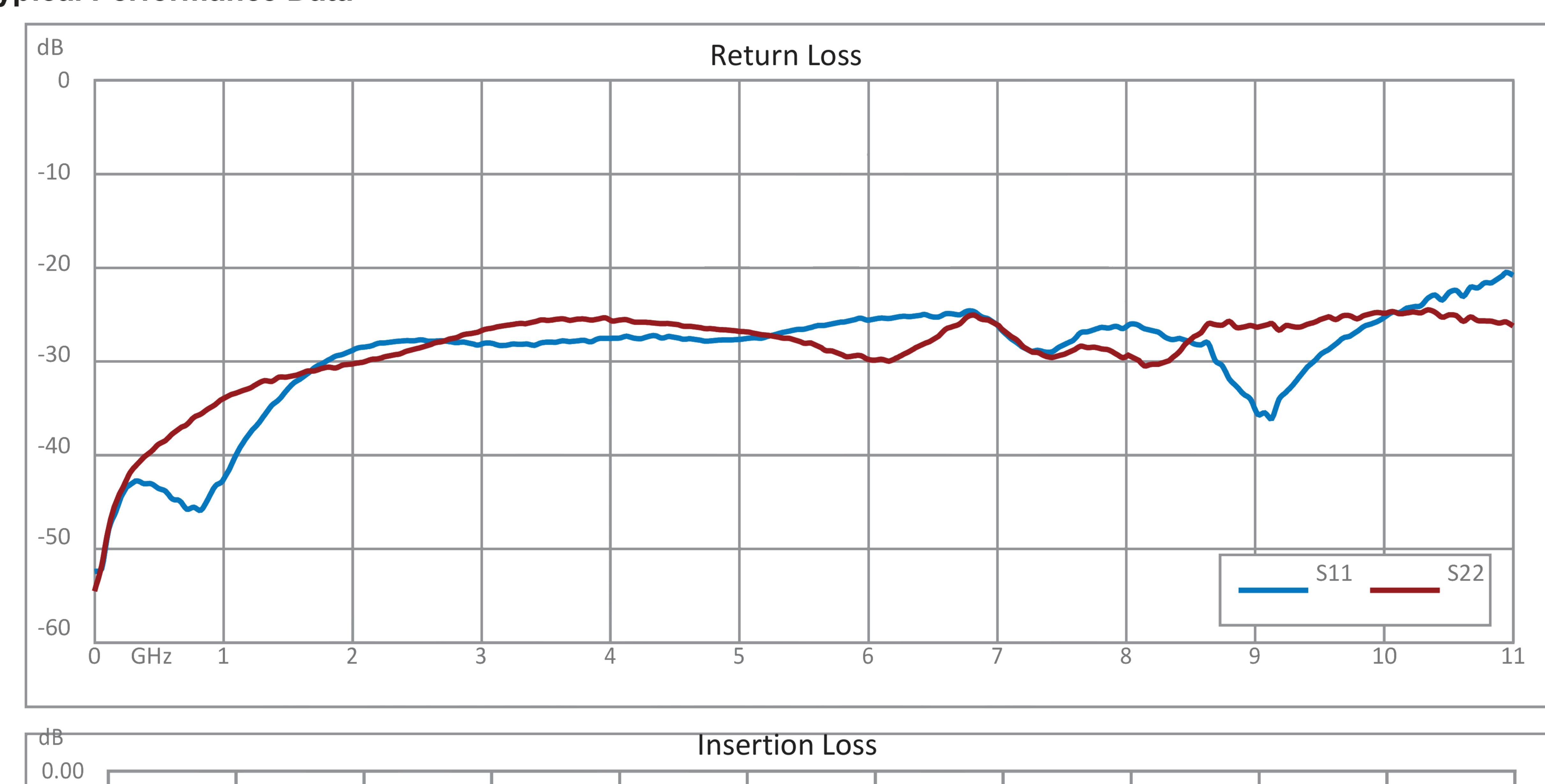
8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

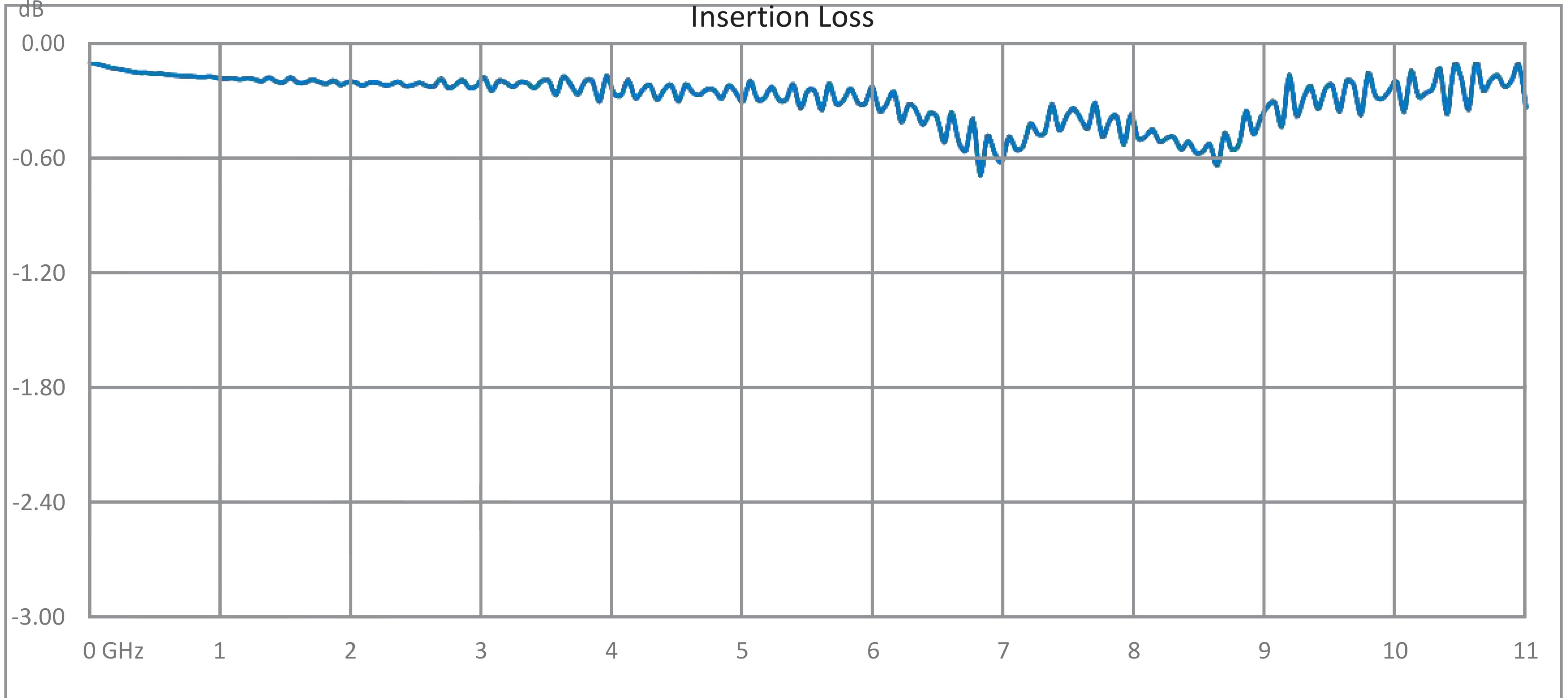




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Typical Performance Data





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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 ET12621

URL: https://www.ebeestock.com/sma-female-to-tnc-male-adapter-0012621

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.

ET12621 CAD Drawing SMA Female to TNC Male Adapter

