



# RF Adapters Technical Data Sheet

ET1268

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### Configuration

- SMA Female Connector 1
- SMC Jack Connector 2

- Typical VSWR of 1.3:1 up to 10 GHz
- SMA Interface compliant with MIL-STD-348A
- SMC Interface compliant with MIL-STD-348A

- 50 Ohms
- Straight Body Geometry
- Gold Plated Brass Contact
- 3 µ-in min Gold Contact Plating

## Applications

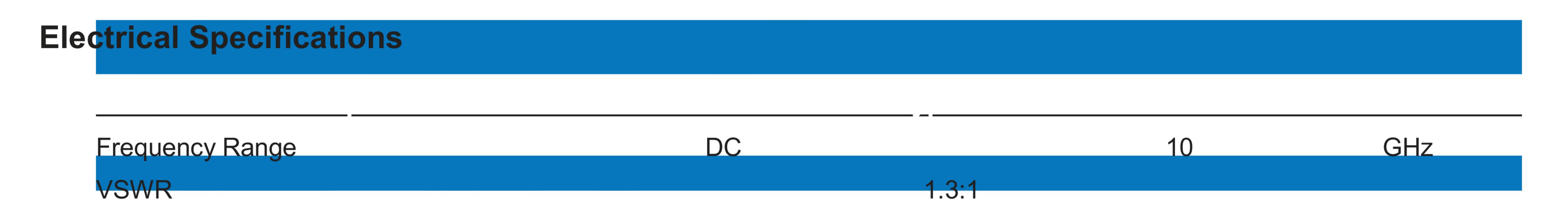
Features

Allows Connection Between Series
 General Purpose Test

#### Description

Ebeestock's ET12686 SMA female to SMC jack 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 SMC adapter has a female to jack gender configuration. ET12686 SMA female to SMC jack adapter operates to 10 GHz.

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

#### Mechanical Specifications

Size

 Length
 0.71 in [18.03 mm]

 Width
 0.25 in [6.35 mm]

 Weight
 0.006 lbs [2.72 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 SMC Jack Adapter ET12686





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Description	Connector 1	Connector 2
Туре	SMA Female	SMC Jack
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A

#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Туре	SMA Female		SMC Jack	
Contact	Brass	Gold	Brass	Gold
		3 µ-in minimum		3 µ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
		100 μ-in minimum		100 μ-in minimum

# Environmental Specifications Tomporature

Temperature
Operating Range

erating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

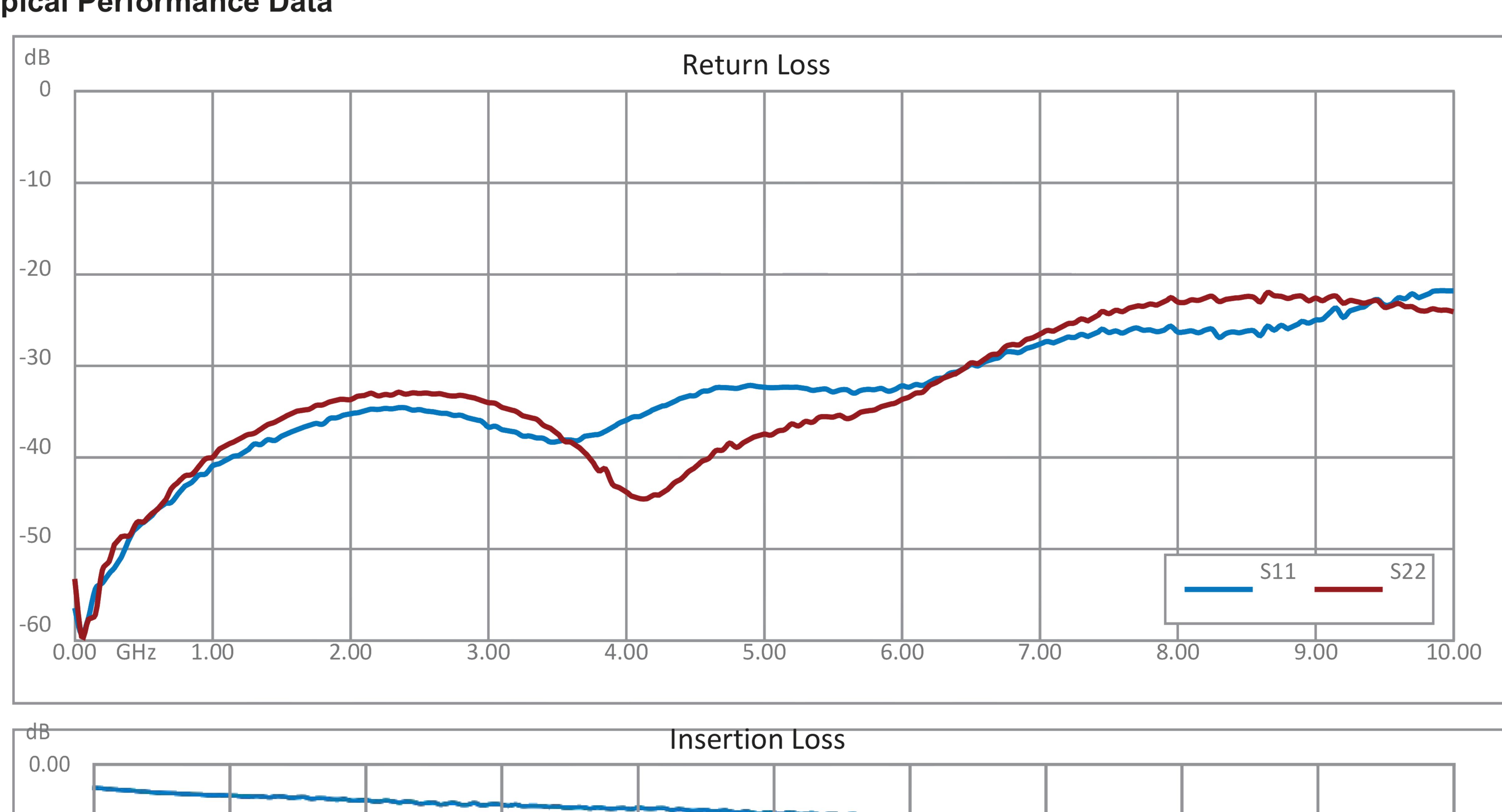
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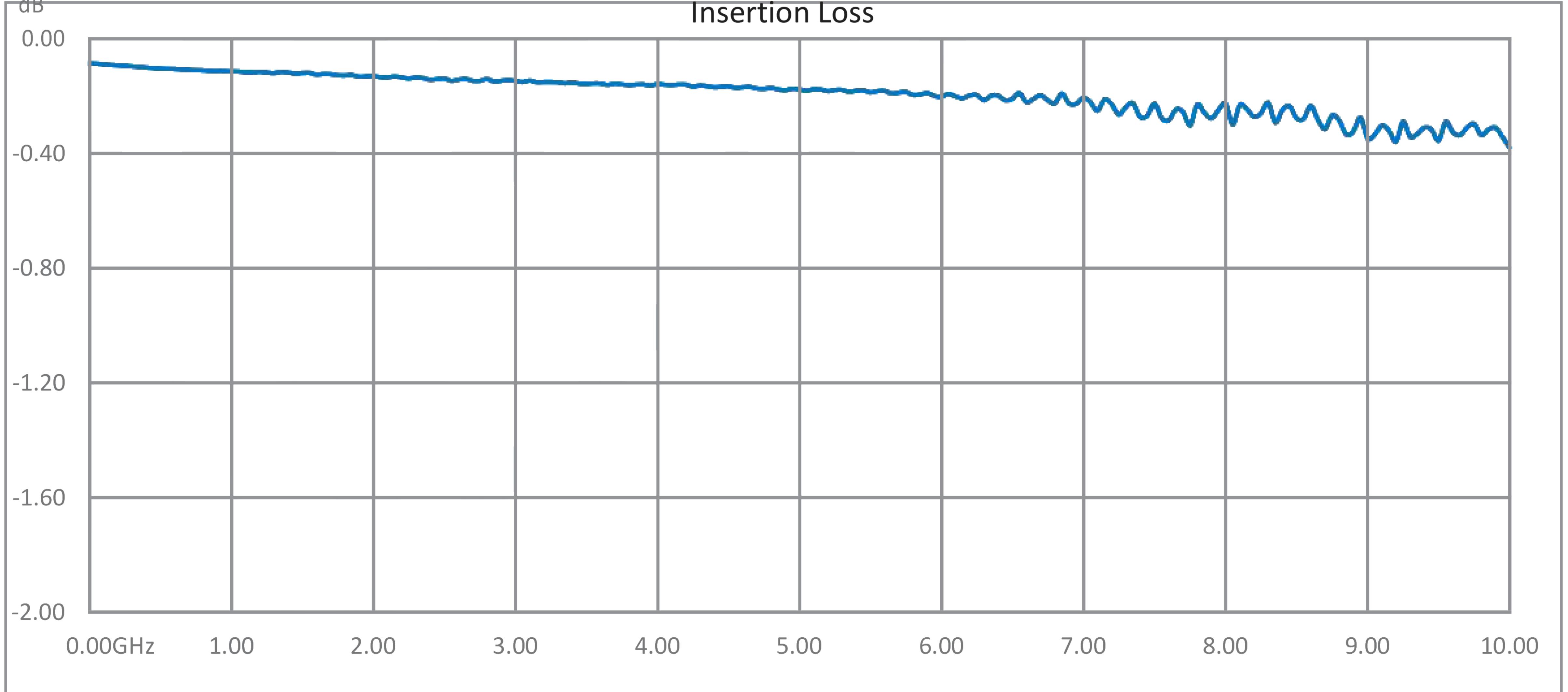




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#### Typical Performance Data





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SMA Female to SMC Jack 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 SMC Jack Adapter ET12686

URL: https://www.ebeestock.com/sma-female-to-smc-jack-adapter-0012686

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.

# ET12686 CAD Drawing SMA Female to SMC Jack Adapter

