

RF Adapters Technical Data Sheet

ET11880

Configuration

- 1.85mm Male Connector 1
- 2.4mm Female Connector 2

- 50 Ohm
- Miter Right Angle Body Geometry

Features

- Max VSWR of 1.35:1 up to 50 GHz
- 4 µin. Minimum contact plating

Gold over Nickel Plated Beryllium Copper Contact

Applications

Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET11880 1.85mm male to 2.4mm female miter right angle adapter is part of our full line of RF components available for same-day shipping. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors. Our 1.85mm to 2.4mm adapter has a male to female gender configuration built of durable stainless steel. ET11880 1.85mm male to 2.4mm female adapter operates to 50 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 maximum. This miter right angle 1.85mm to 2.4mm adapter allows for easier connections in tight spaces.

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		50	GHz
VSWR			1.35:1	

Electrical Specification Notes: Values at 25°C, sea level. Insertion Loss = 0.05*sqrt(fGHz) dB.

Mechanical Specifications

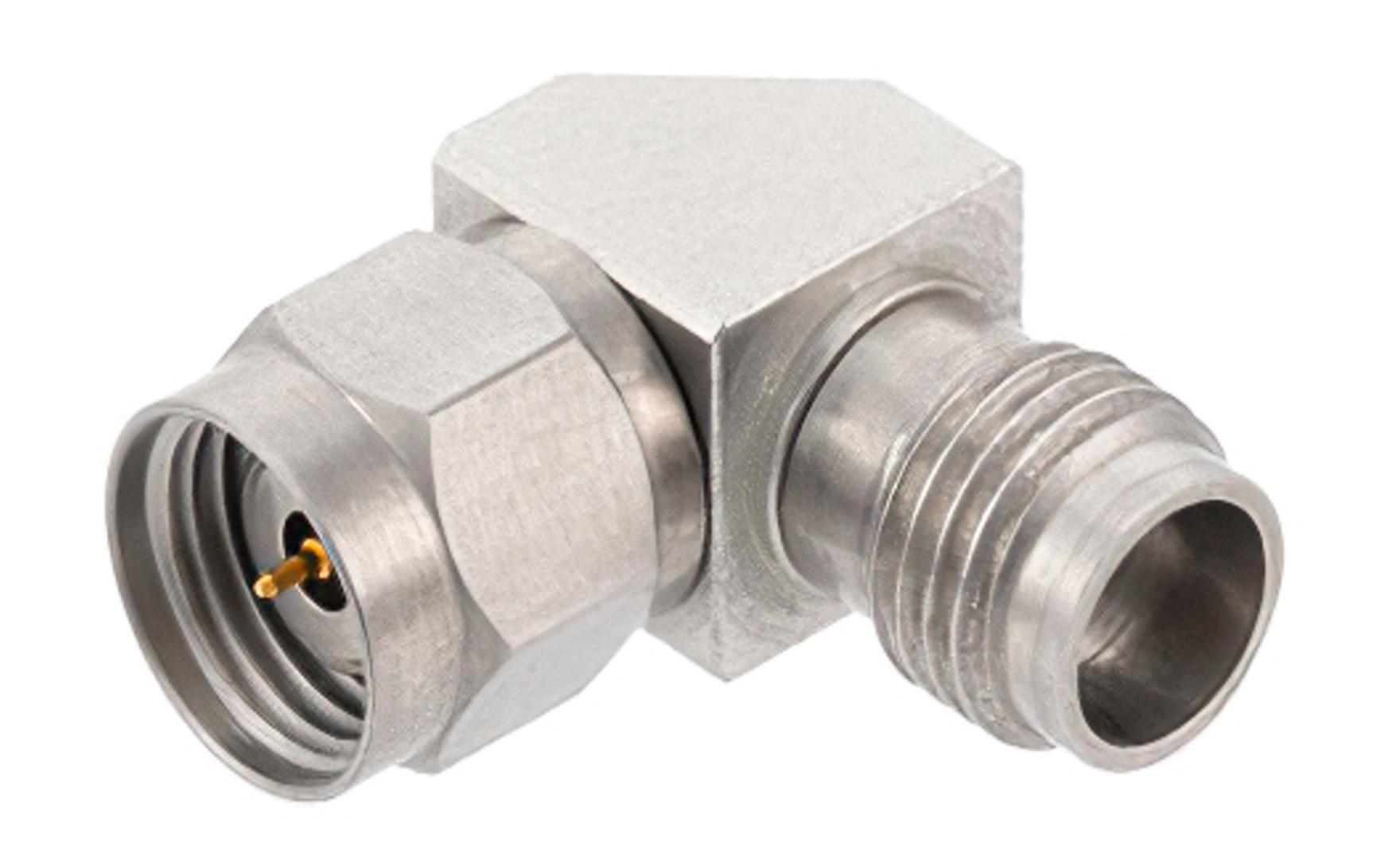
Size

Length
Height
6.3 in [160.02 mm]
6.5 in [165.1 mm]
Weight
0.0194 lbs [8.8 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.85mm Male to 2.4mm Female Miter Right Angle Adapter ET11880

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





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	Connector 2	
1.85mm Male	2.4mm Female	
Standard	Standard	
5/16 Inch		
8 to 10 in-lbs [0.90 to 1.13 Nm]		
_	Standard 5/16 Inch	

Material Specifications

	Connect	tor 1	Conne	ector 2
Description	on Material	Plating	Material	Plating
Туре	1.85mm Male		2.4mm Female	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		4 µin. Minimum		4 μin. Minimum
Insulation	Oxide-Noryl		Oxide-Noryl	
Outer Conducto	or		Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Gasket	Silicone			
Coupling Nut	Passivated Stainless Steel			

-40 to +105 °C

Environmental Specifications

Temperature

Operating Range

Compliance Certifications (see product page for current document)

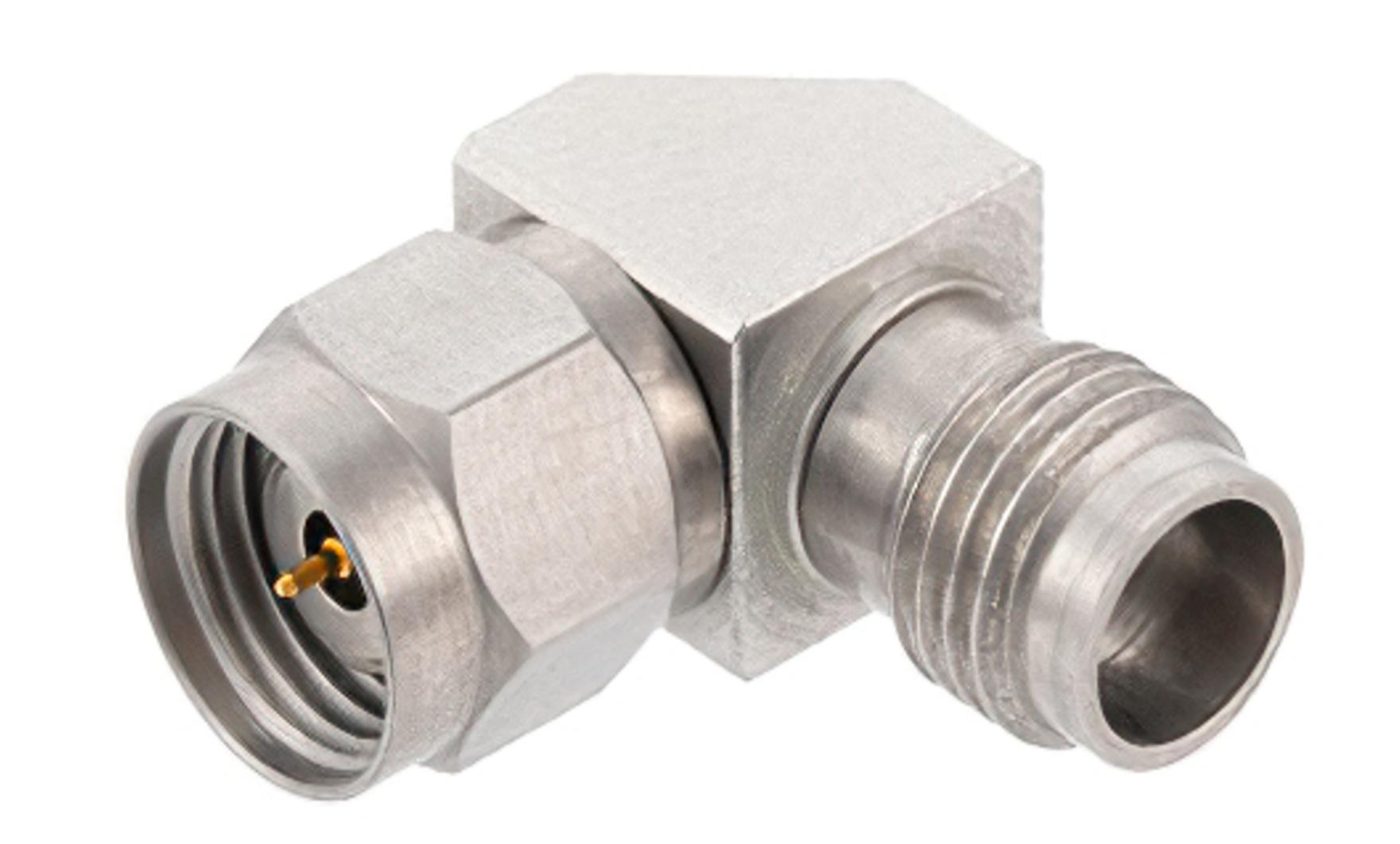
Plotted and Other Data

Notes:

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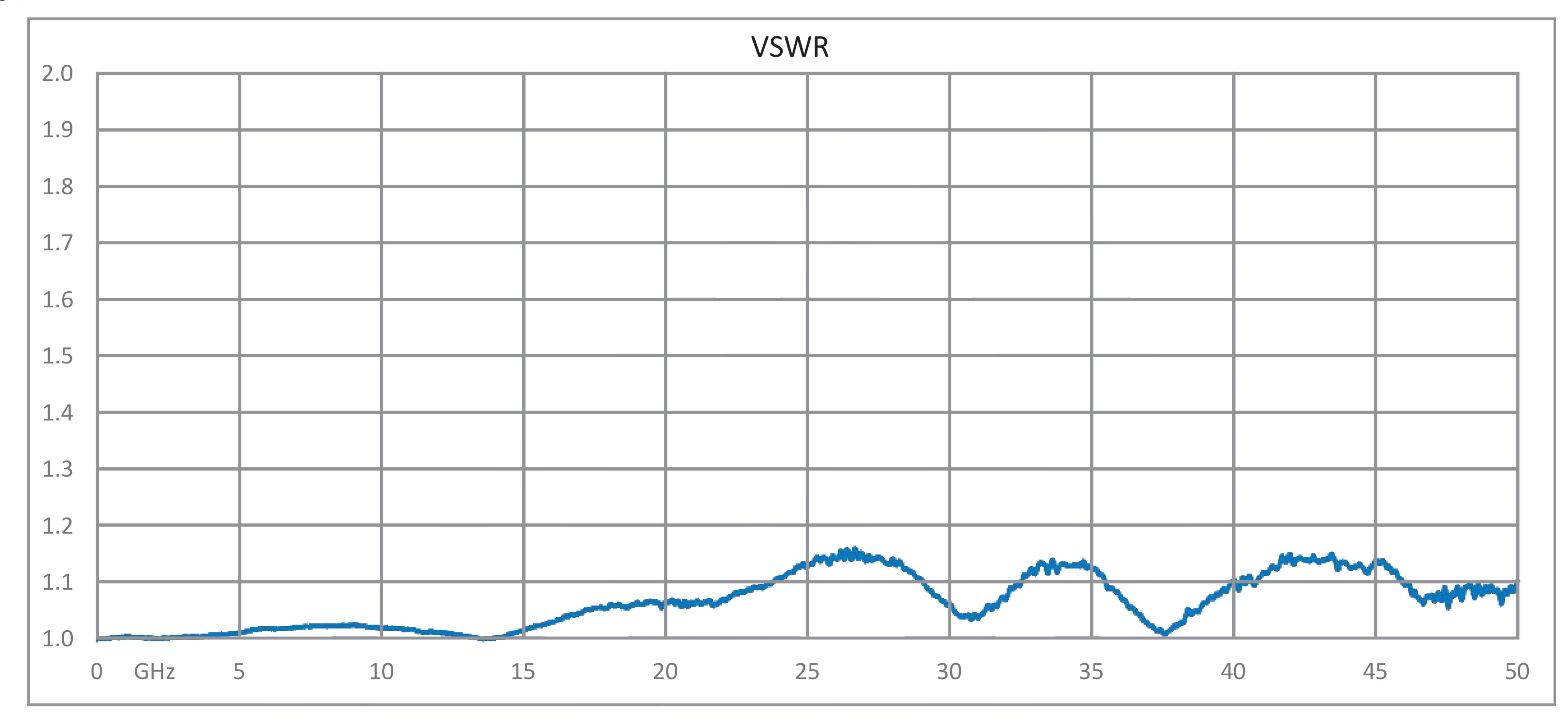


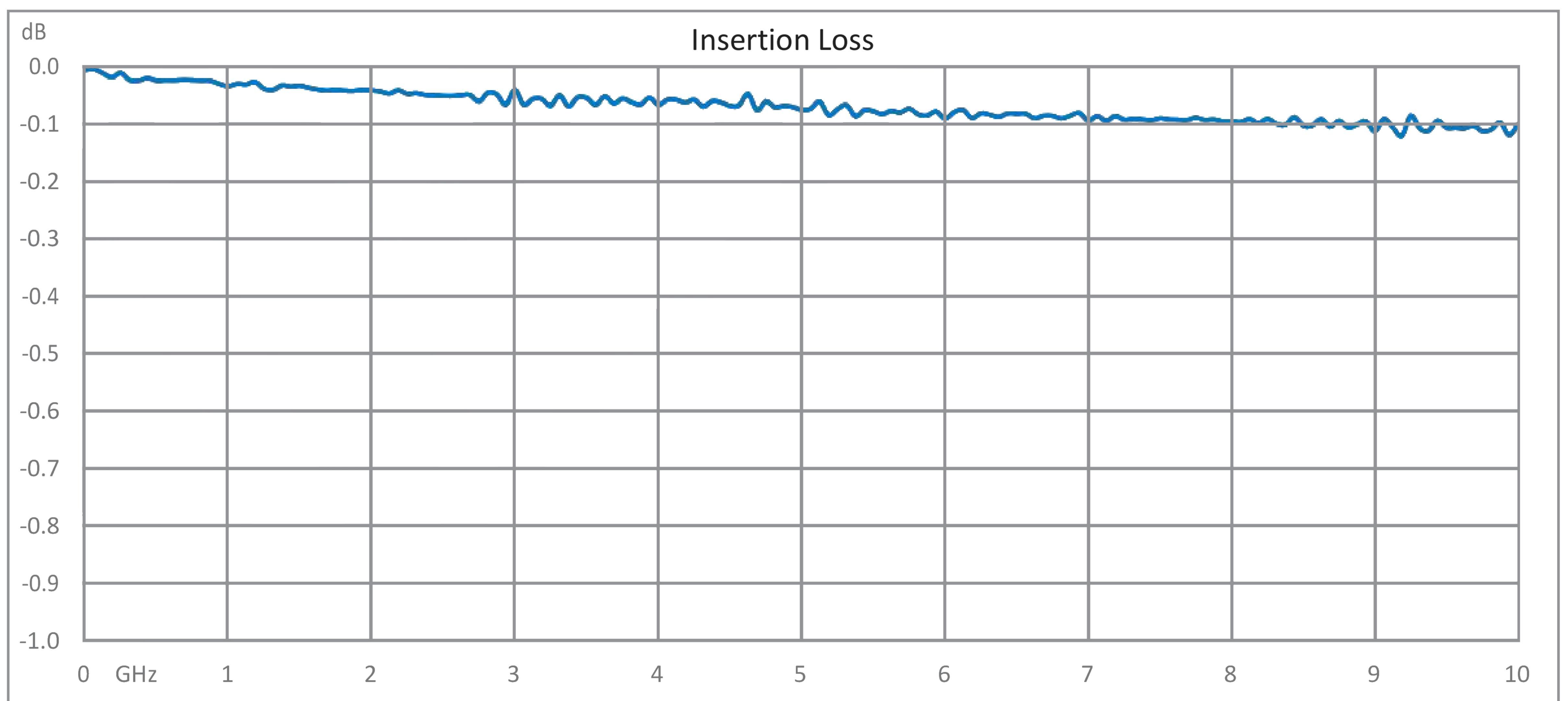


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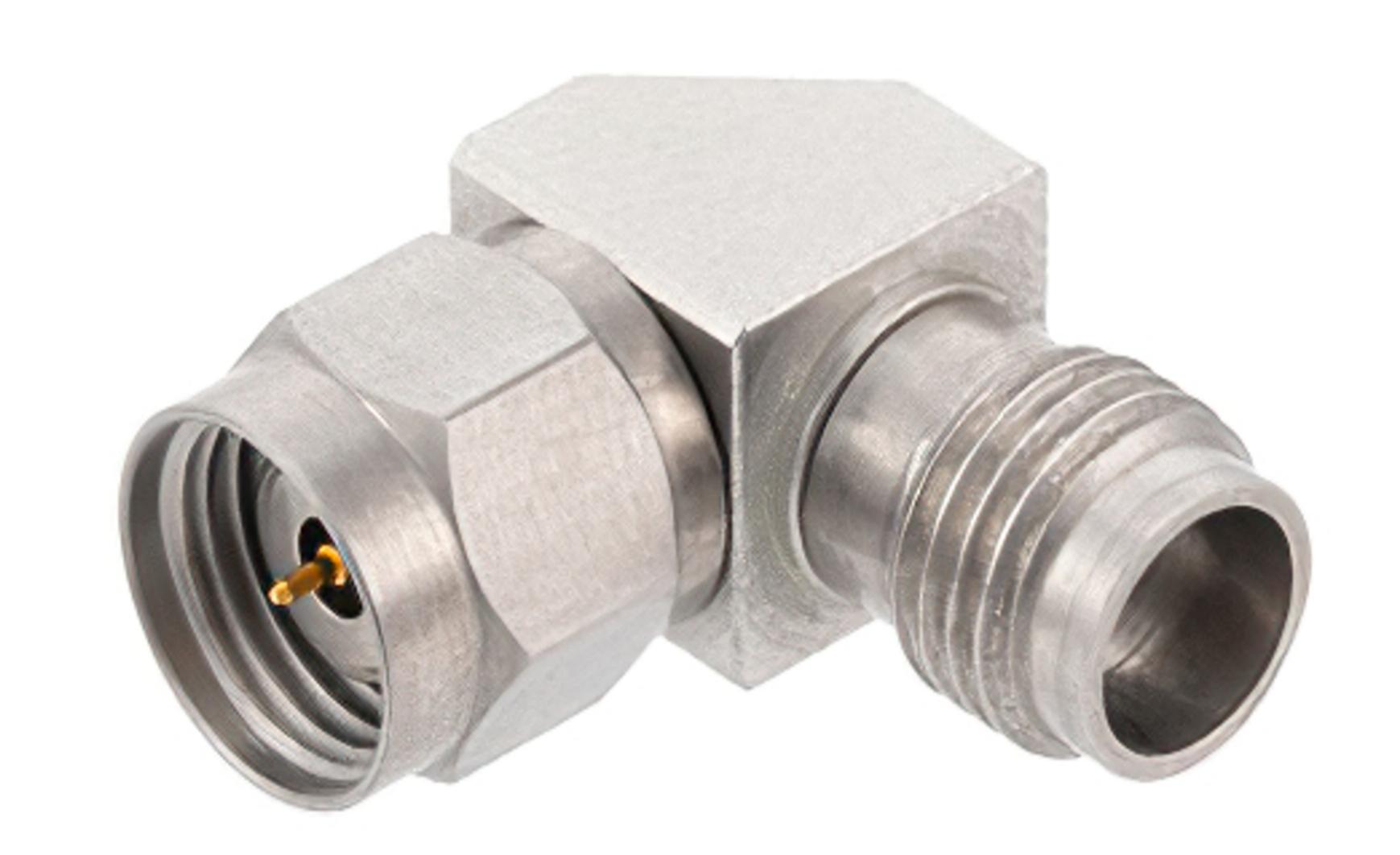
Typical Performance Data





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1.85mm Male to 2.4mm Female Miter Right Angle Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/1-85mm-male-to-2-4mm-female-miter-right-angle-adapter-0011880

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.

