

RF Adapters Technical Data Sheet

ET1278

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Configuration

- SMC Jack Connector 1
- SMC Plug Connector 2

- 50 Ohm
- Tee Body Geometry

Features

- SMC interface compliant with MIL-STD-348A
- 30 µ-in minimum contact plating

Applications

General Purpose Test

Description

Ebeestock's ET12789 SMC Tee adapter jack-plug-jack is part of our full line of RF components available for same-day shipping. Our SMC tee adapter has a jack-plug-jack gender configuration. Our SMC tee connector operates to 100 MHz. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports.

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				
Erequency Range	DC		100	MHz
VSWR		2.1:1		

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

Mechanical Specifications

 Size

 Length
 0.795 in [20.19 mm]

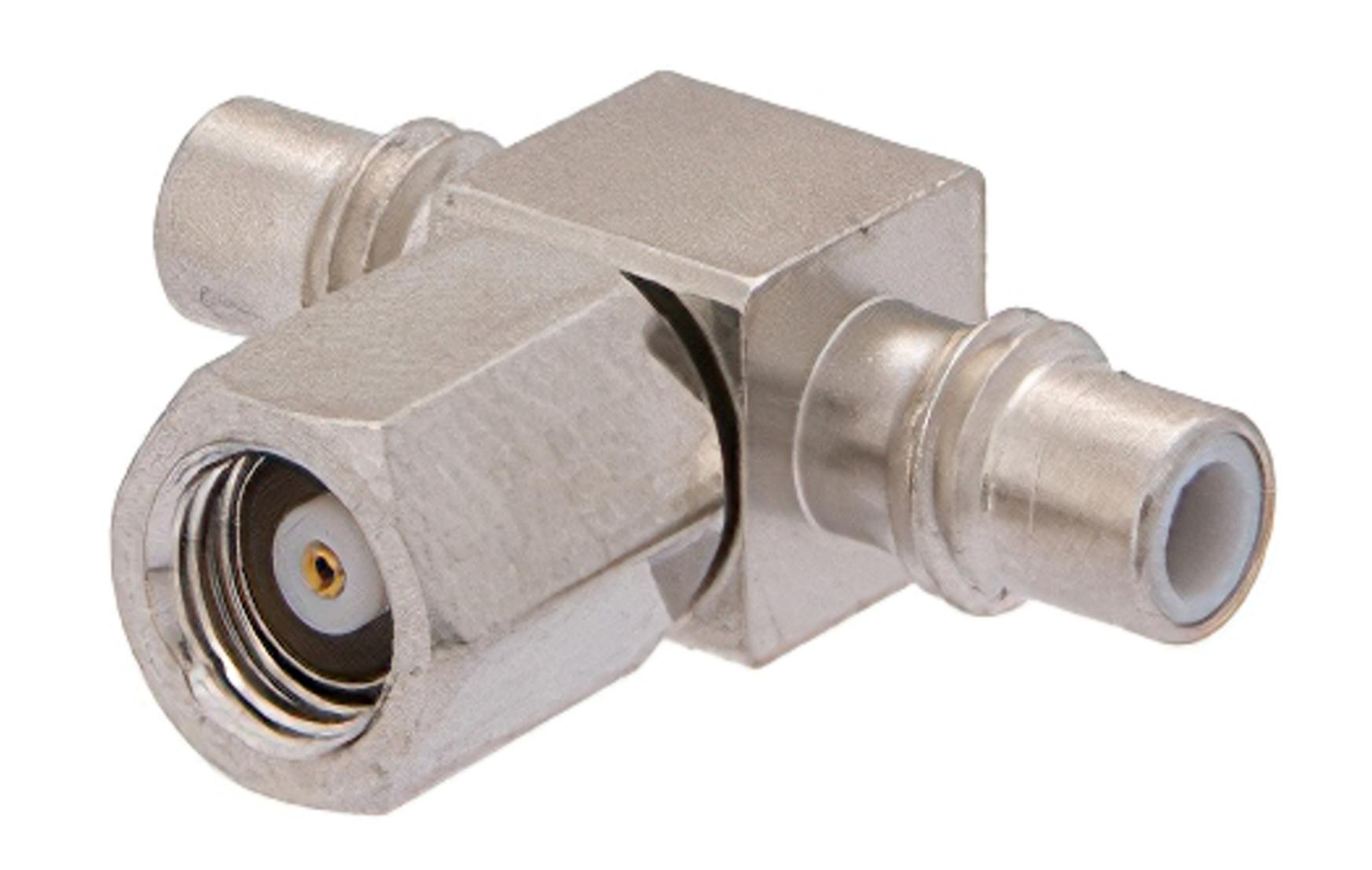
 Width
 0.25 in [6.35 mm]

 Height
 0.555 in [14.1 mm]

 Weight
 0.01 lbs [4.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMC Tee Adapter Jack-Plug-Jack ET12789





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

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMC Jack		SMC Plug	
Contact	Beryllium Copper	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

-65 to +165 deg C

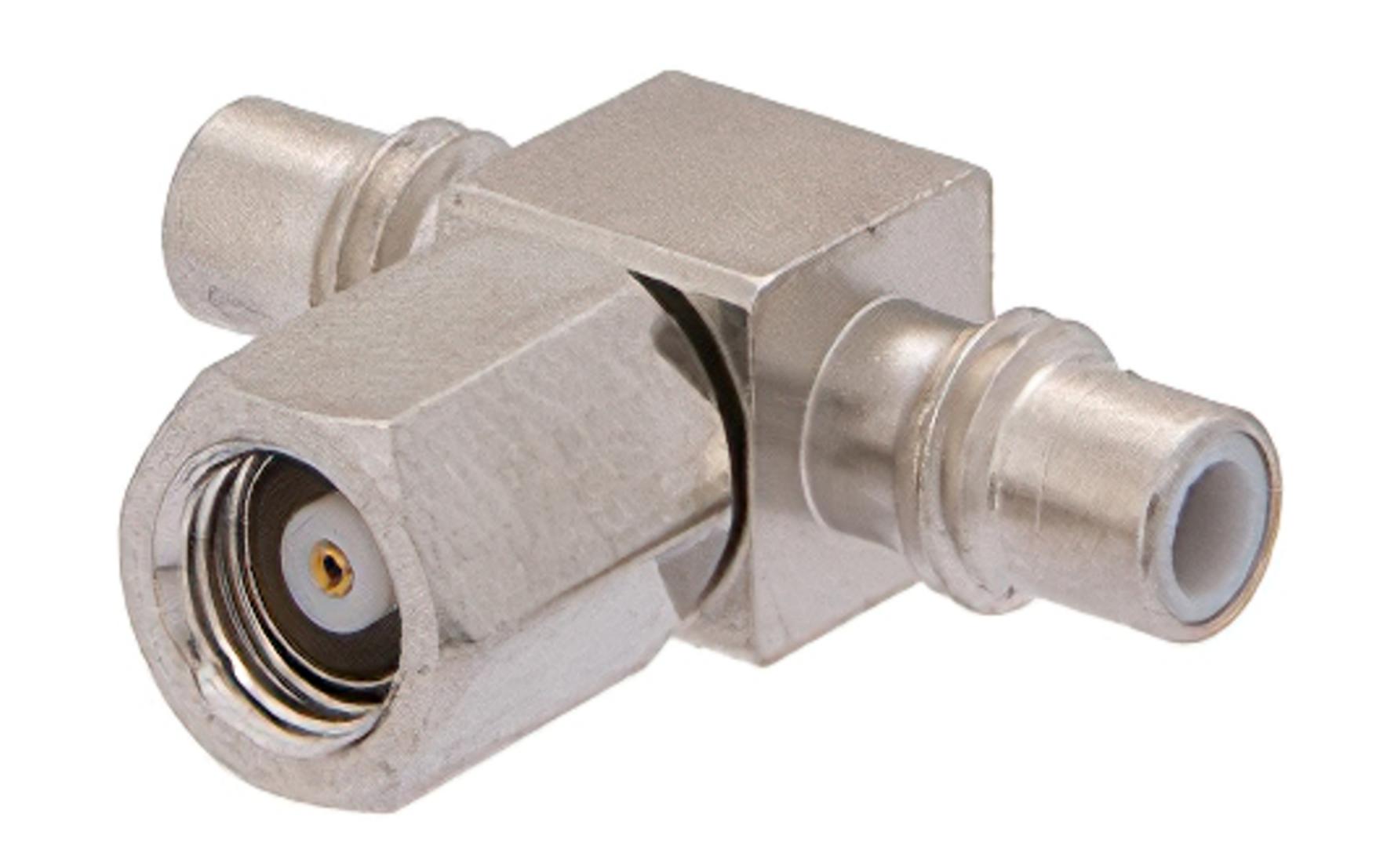
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes

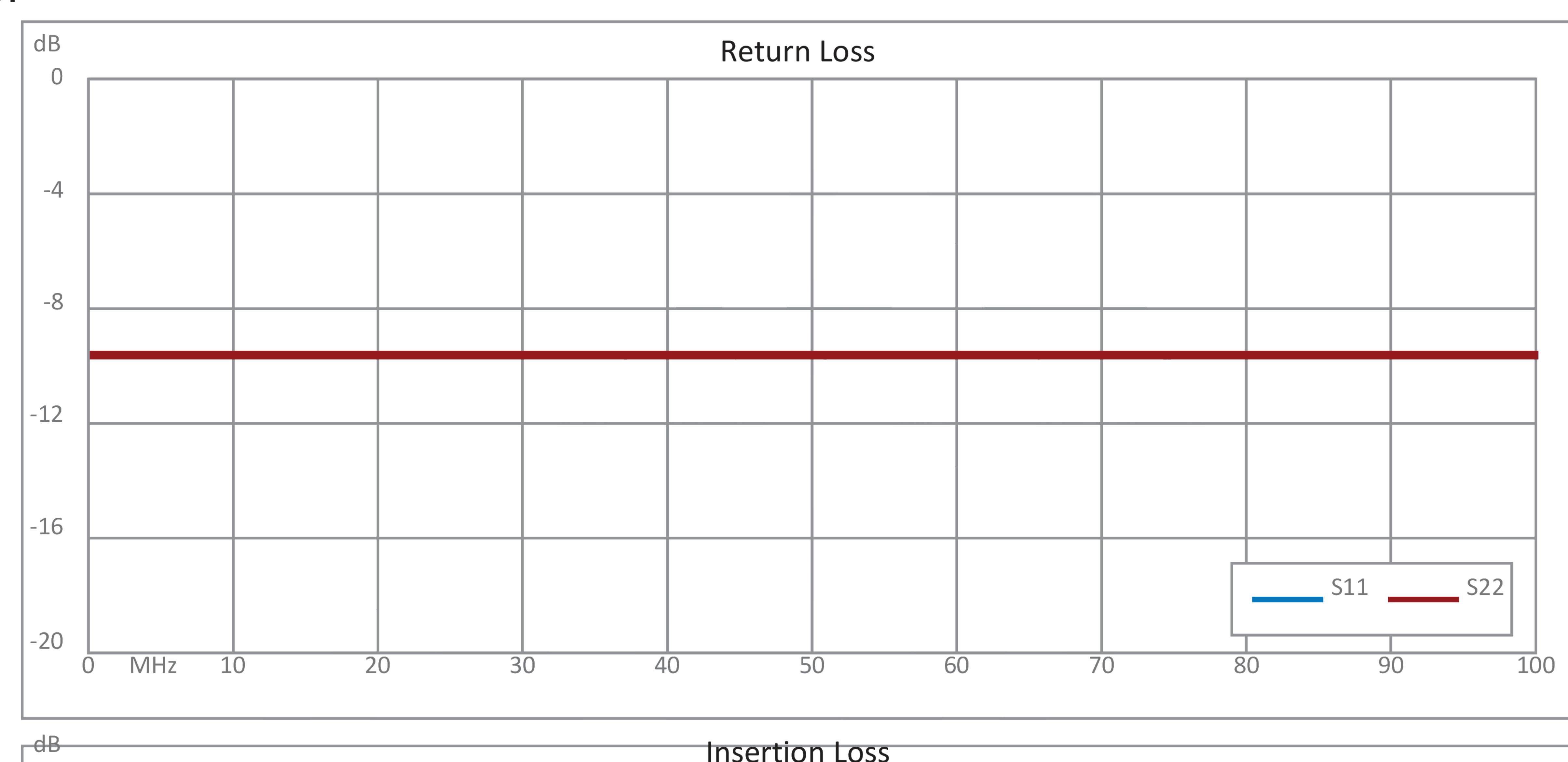
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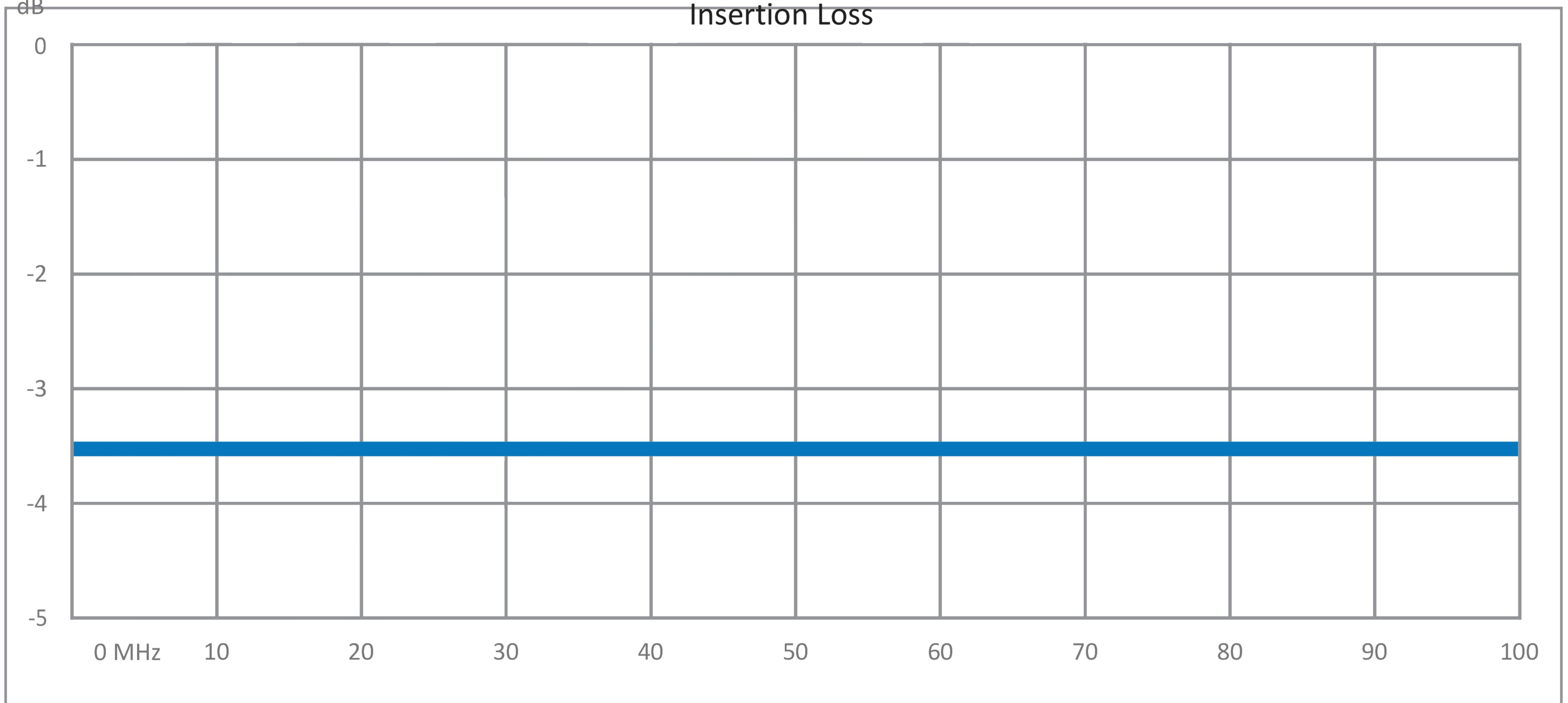




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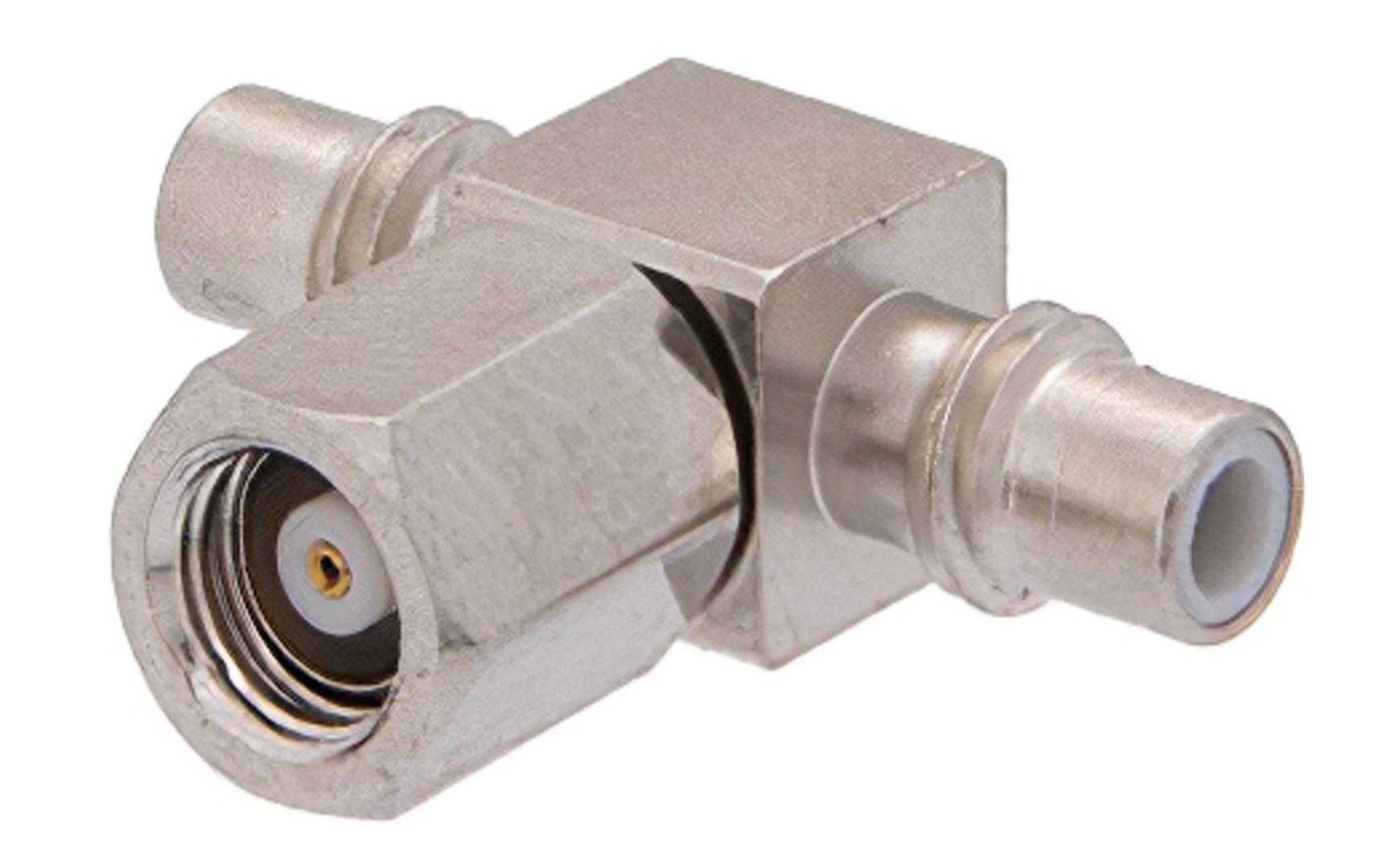
Typical Performance Data





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SMC Tee Adapter Jack-Plug-Jack 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/smc-tee-adapter-jack-plug-jack-0012789

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.

www.ebeestock.com

ET12789 CAD Drawing SMC Tee Adapter Jack-Plug-Jack

