



RF Adapters Technical Data Sheet

ET1272

3

Configuration

- SMA Male Connector 1
- SMA Male Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 27 GHz
- Gold over Nickel Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

Applications

General Purpose Test

Precision Test & Measurement

Description

Ebeestock's ET12723 precision SMA male to SMA male adapter is part of our full line of RF components available for sameday shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to SMA adapter has a male to male gender configuration built of durable stainless steel in a precision design. ET12723 SMA male to SMA male adapter operates to 27 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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.

Electrical Specifications			
Erequency Range	DC	27	GHz
VSWR		1.2:1	
Insertion Loss		0.26	dB

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

Mechanical Specifications

Size

 Length
 0.86 in [21.84 mm]

 Width
 0.313 in [7.95 mm]

 Weight
 0.013 lbs [5.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Male to SMA Male Adapter ET12723

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





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Description	Connector 1	Connector 2
Туре	SMA Male	SMA Male
Polarity	Standard	Standard
Mating Cycles	500	500
Hex Size	5/16 in.	5/16 in.
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]	8 to 10 in-lbs [0.90 to 1.13 Nm]

Material Specifications

	Connect	or 1	Connect	tor 2
Description	n Material	Plating	Material	Plating
Туре	SMA Male		SMA Male	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
		ASTM A380		ASTM A380
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	
		ASTM A380		ASTM A380

Environmental Specifications

Temperature

Operating Range -55 to +100 deg C

Vibration

MIL-STD-202, Method 204, Cond. D (20G's)

Salt Spray

MIL-STD-202, Method 101, Cond. B, 5% salt solution

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

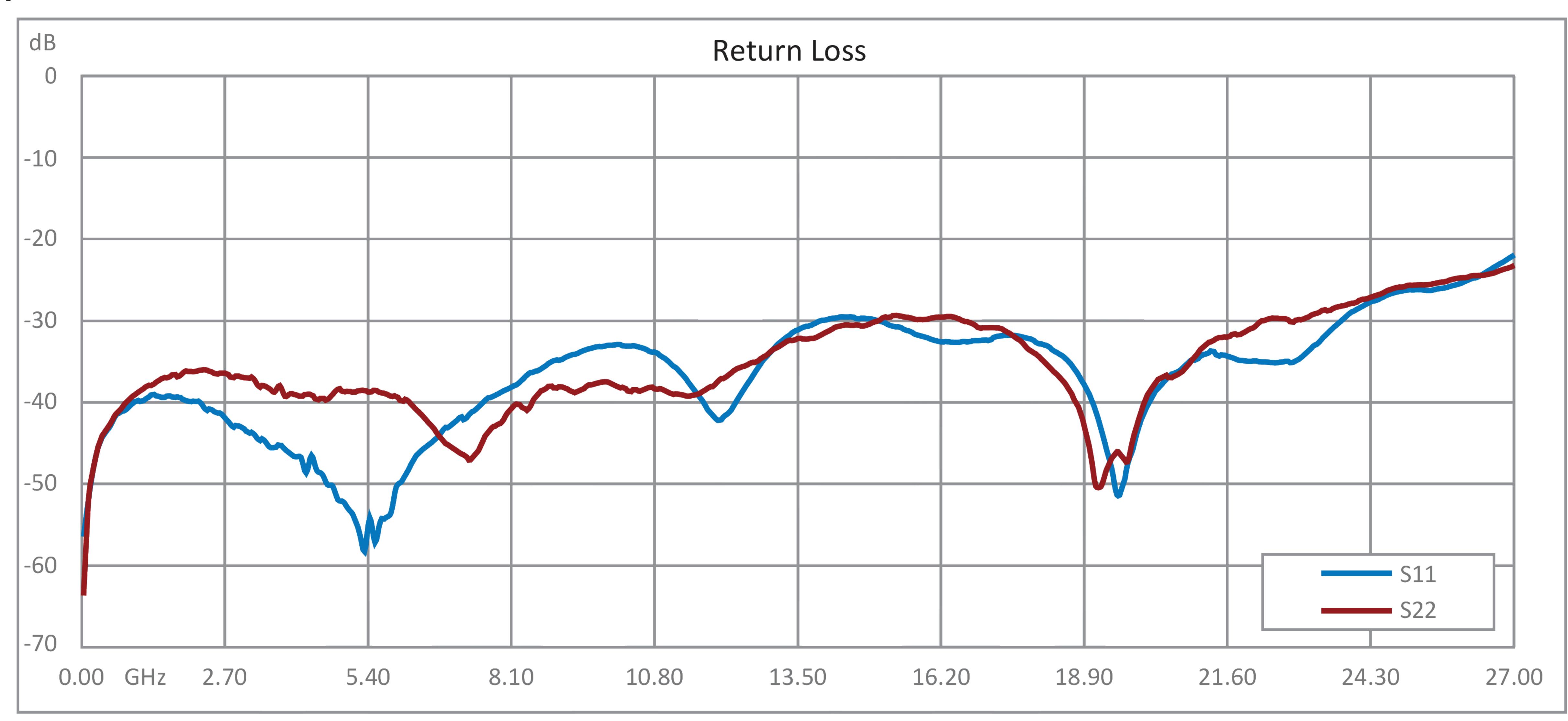
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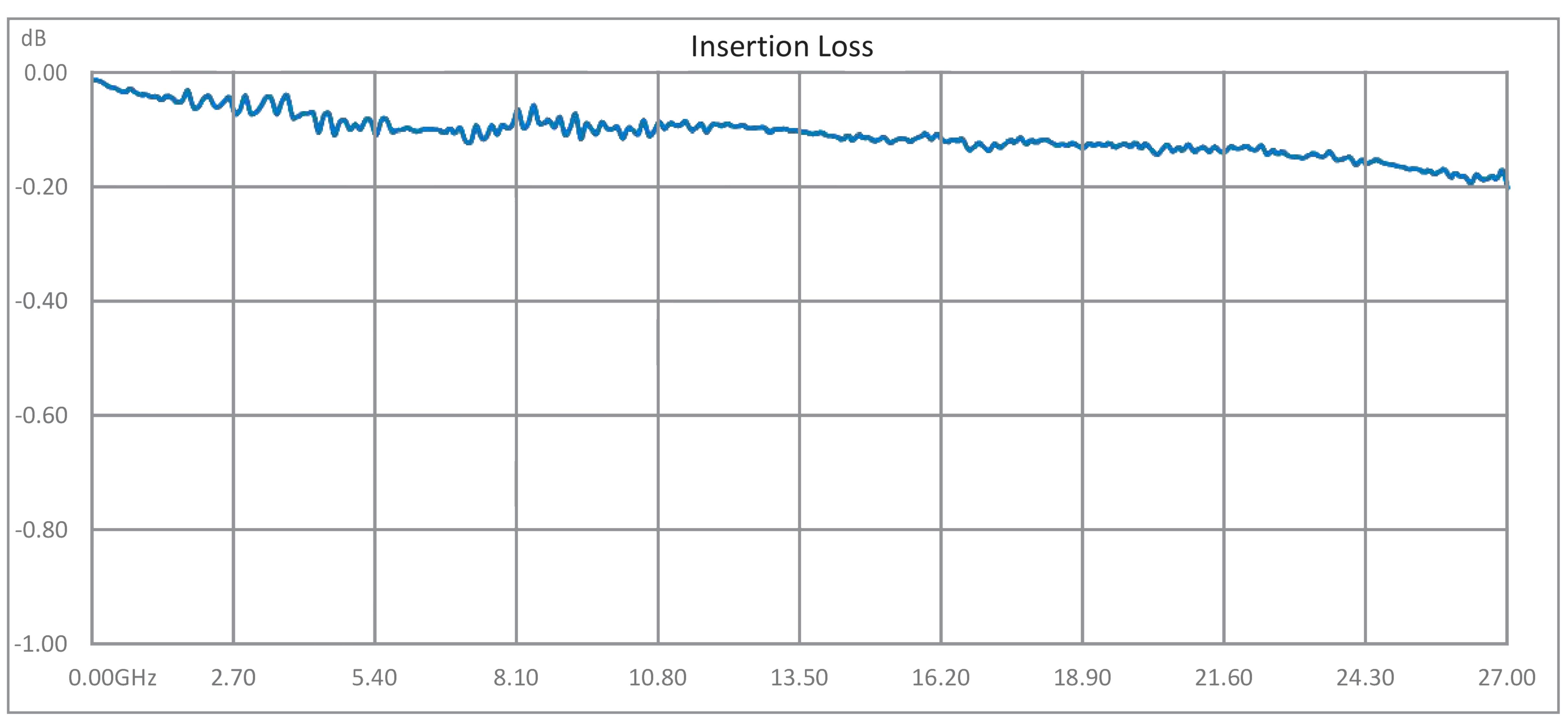




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Typical Performance Data





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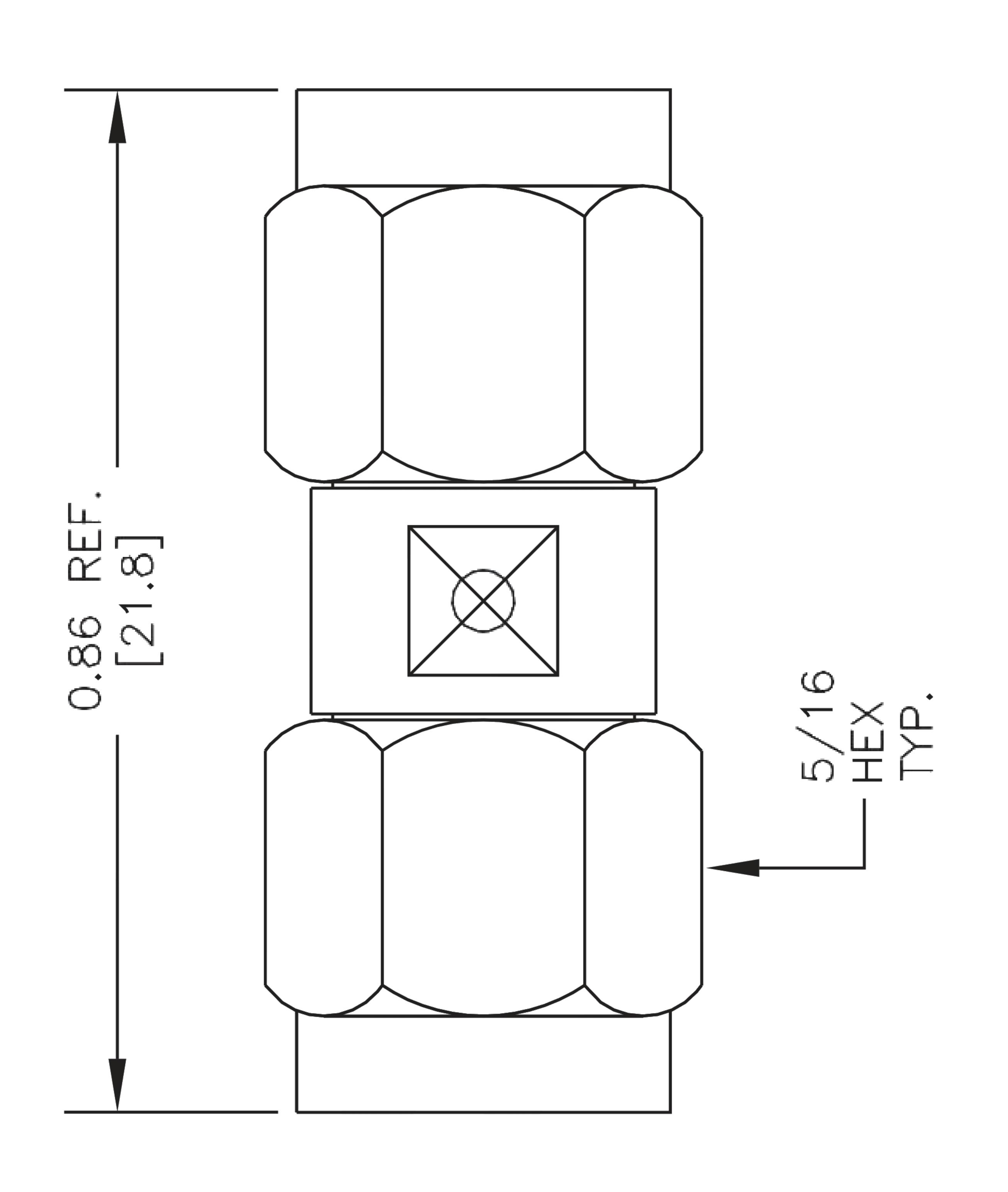
Precision SMA Male to SMA Male Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Male to SMA Male Adapter ET12723

URL: https://www.ebeestock.com/precision-sma-male-to-sma-male-adapter-0012723

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.

ET12723 CAD Drawing Precision SMA Male to SMA Male Adapter



ebeestock	DWG TITLE	NOTES: 1. UNLESS OTHERWISE SPECIFIED A	LL DIMENSIONS ARE NOMINAL.	2
Ebeestock.com 8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park,	ET12723	3. DIMENSIONS ARE IN INCHES [mm]	TO CHANGE WILHOUT NOTICE	ANY IIME.
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China. Webstie: www.ebeestock.com Email: sales@ebeestock.com	FSCM NO. 53919	CAD FILE 110112-A	SCALE N/A SIZE A	2233