



RF Adapters Technical Data Sheet

ET12797

Configuration

- Push-On SMP Female Connector 1
- Push-On SMP Female Connector 2

- 50 Ohms
- Straight Body Geometry

Features

Max VSWR of 1.2:1 up to 18 GHz

Gold Plated Beryllium Copper Contact

Applications

General Purpose Test

Description

Ebeestock's ET12797 push-on SMP female to SMP female push-on adapter is part of our full line of RF components available for same-day shipping. Our SMP to SMP adapter has a female to female gender configuration. ET12797 SMP female to SMP female adapter is gold plated and operates to 18 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

Minimum	Typical	Maximum	Units
DC		18	GHz
		1.2:1	
		0.42	dB
		335	Vrms
		500	Vrms
5,000			MOhms
	DC	DC	DC 18 1.2:1 0.42 335 500

Electrical Specification Notes:

RF Leakage: -80dB to 3 GHz, -65dB to 12 GHz

Mechanical Specifications

Size

 Length
 0.254 in [6.45 mm]

 Width
 0.135 in [3.43 mm]

 Weight
 0.005 lbs [2.27 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Push-On SMP Female to SMP Female Push-On Adapter up to 8 GHz ET12797

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	SMP Female	SMP Female	
Polarity	Standard	Standard	

Material Specifications

Connector 1		Connector 2		
Material	Plating	Material	Plating	
Push-On SMP Female		Push-On SMP Female		
Beryllium Copper	Gold	Beryllium Copper	Gold	
PTFE		PTFE		
Beryllium Copper	Gold	Beryllium Copper	Gold	
Beryllium Copper	Gold	Beryllium Copper	Gold	
	Material Push-On SMP Female Beryllium Copper PTFE Beryllium Copper	MaterialPlatingPush-On SMP FemaleGoldBeryllium CopperGoldPTFEGoldBeryllium CopperGold	MaterialPlatingMaterialPush-On SMP FemalePush-On SMP FemaleBeryllium CopperGoldBeryllium CopperPTFEPTFEBeryllium CopperGoldBeryllium Copper	

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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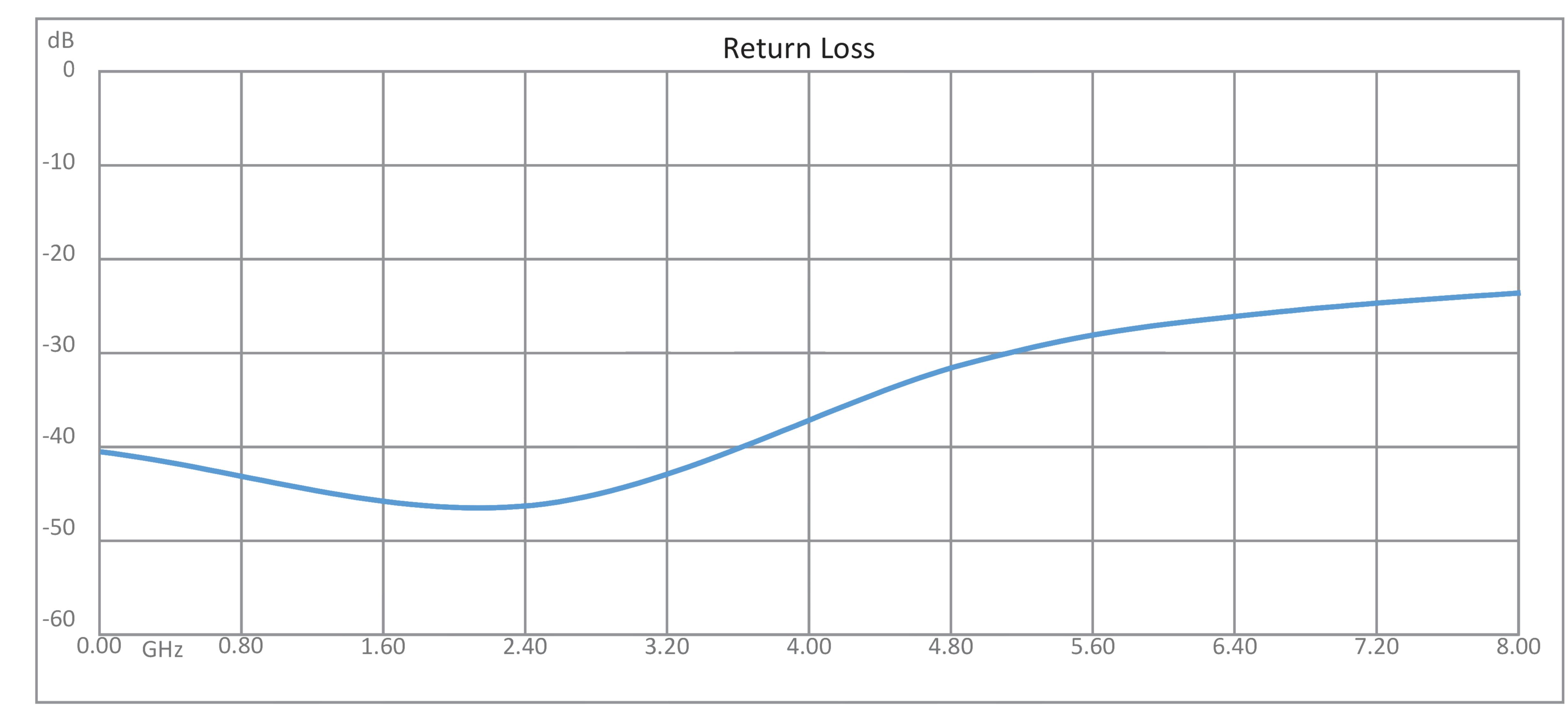


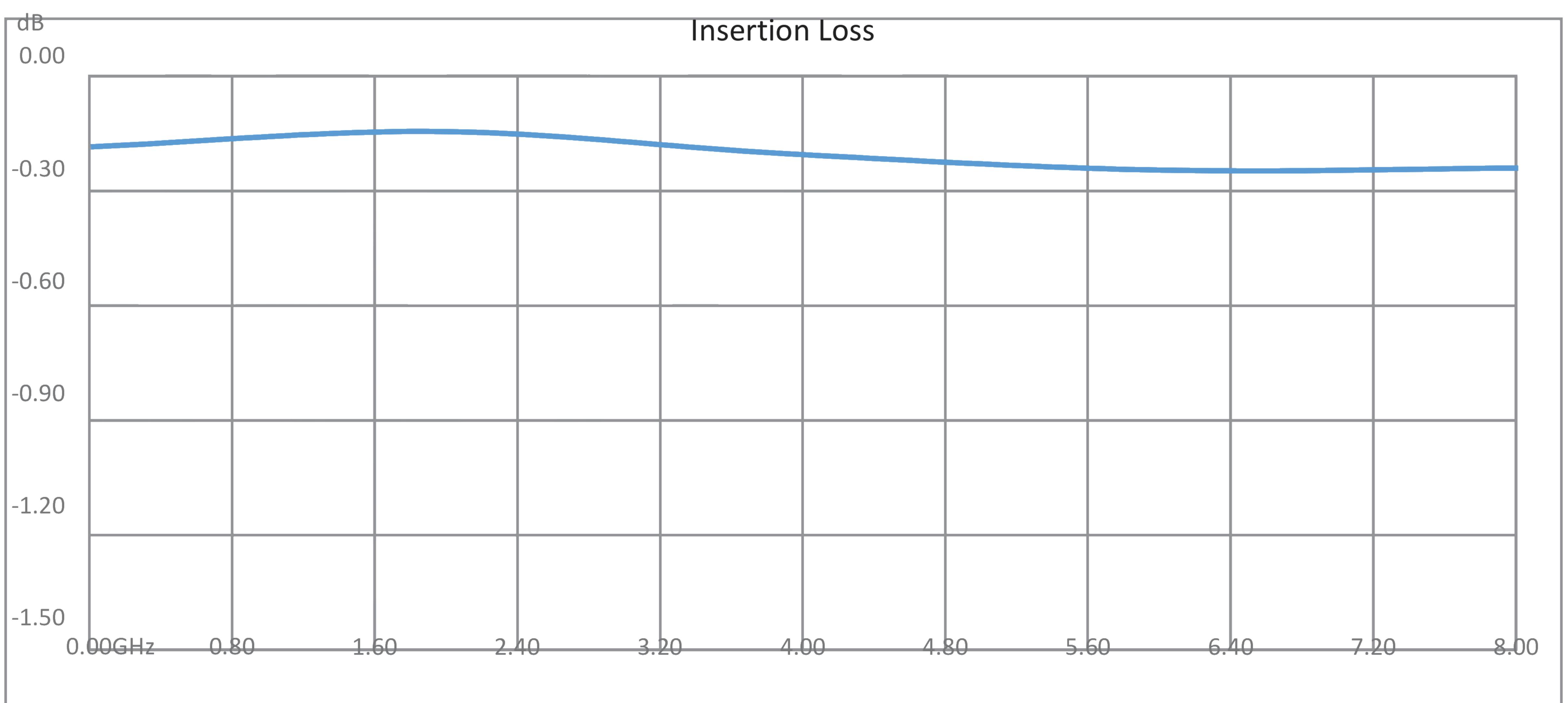


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Typical Performance Data





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Push-On SMP Female to SMP Female Push-On Adapter up to 8 GHz 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: Push-On SMP Female to SMP Female Push-On Adapter up to 8 GHz ET12797

URL: https://www.ebeestock.com/smp-female-to-smp-female-adapter-up-to-8-ghz-0012797

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.

ET12797 CAD Drawing
Push-On SMP Female to SMP Female Push-On Adapter up to 8 GHz

