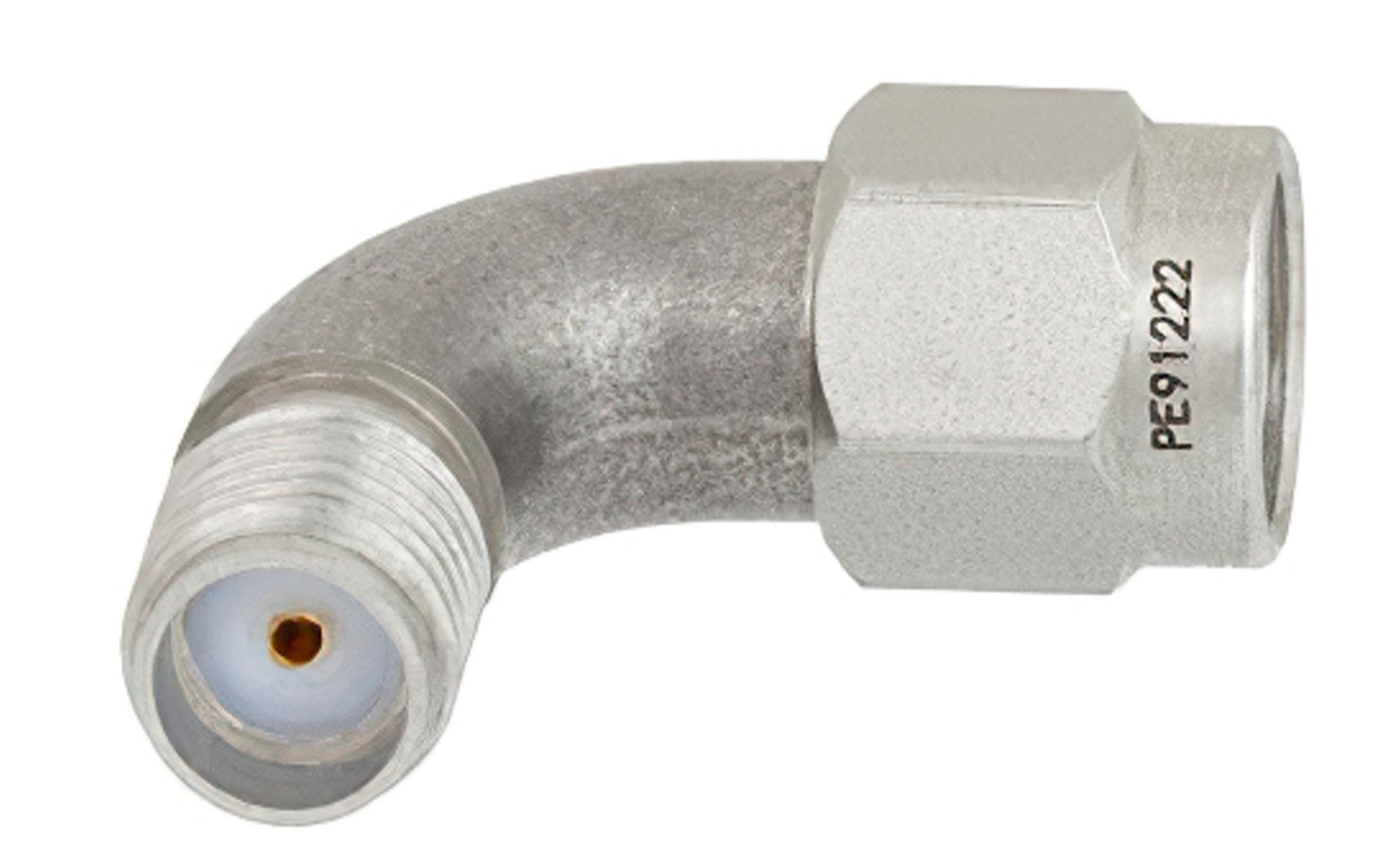


SMA Male to SMA Female Radius Right Angle Adapter, Functiona I Up to 26.5 GHz



RF Adapters Technical Data Sheet

ET12648

Configuration

- SMA Male Connector 1
- SMA Female Connector 2

Features

- Max VSWR of 1.55:1 up to 26.5 GHz
- SMA interface compliant with MIL-C-39012

- 50 Ohm
- Radius Right Angle Body Geometry

Applications

General Purpose Test

• Gold Plated Beryllium Copper Contact

Description

Ebeestock's ET12648 SMA male to SMA female radius right angle 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 SMA adapter has a male to female gender configuration built of durable stainless steel. ET12648 SMA male to SMA female adapter operates to 26.5 GHz. The Ebeestock RF adapter provides good VSWR of 1.55:1 maximum. This radius right angle SMA to SMA 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		26.5	GHz
VSWR			1.55:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 18	18 to 24.5	24.5 to 26.5			GHz
VSWR, Max	1.25:1	1.25:1	1.55:1			
Insertion Loss, Typ	0.65	0.85	1.5			

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz ET12648

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



SMA Male to SMA Female Radius Right Angle Adapter, Functiona I Up to 26.5 GHz



RF Adapters Technical Data Sheet

ET12648

Mechanical Specifications

Size

 Length
 0.65 in [16.51 mm]

 Width
 0.54 in [13.72 mm]

 Weight
 0.0141 lbs [6.4 g]

Description	Connector 1	Connector 2	
Туре	SMA Male	SMA Female	
Polarity	Standard	Standard	
Interface Specification	MIL-C-39012	MIL-C-39012	
Hex Size	5/16 in.		
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]		

Material Specifications

	Connector 1		Connector 2		
Description	n Material	Plating	Material	Plating	
Туре	SMA Male		SMA Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
Insulation	PTFE		PTFE		
Outer Conducto	or		Passivated Stainless Steel		
Body	Passivated Stainless Steel	Passivated Stainless Steel			
Gasket	Silicone Rubber	Silicone Rubber			
Coupling Nut	Passivated Stainless Steel				

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz ET12648

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



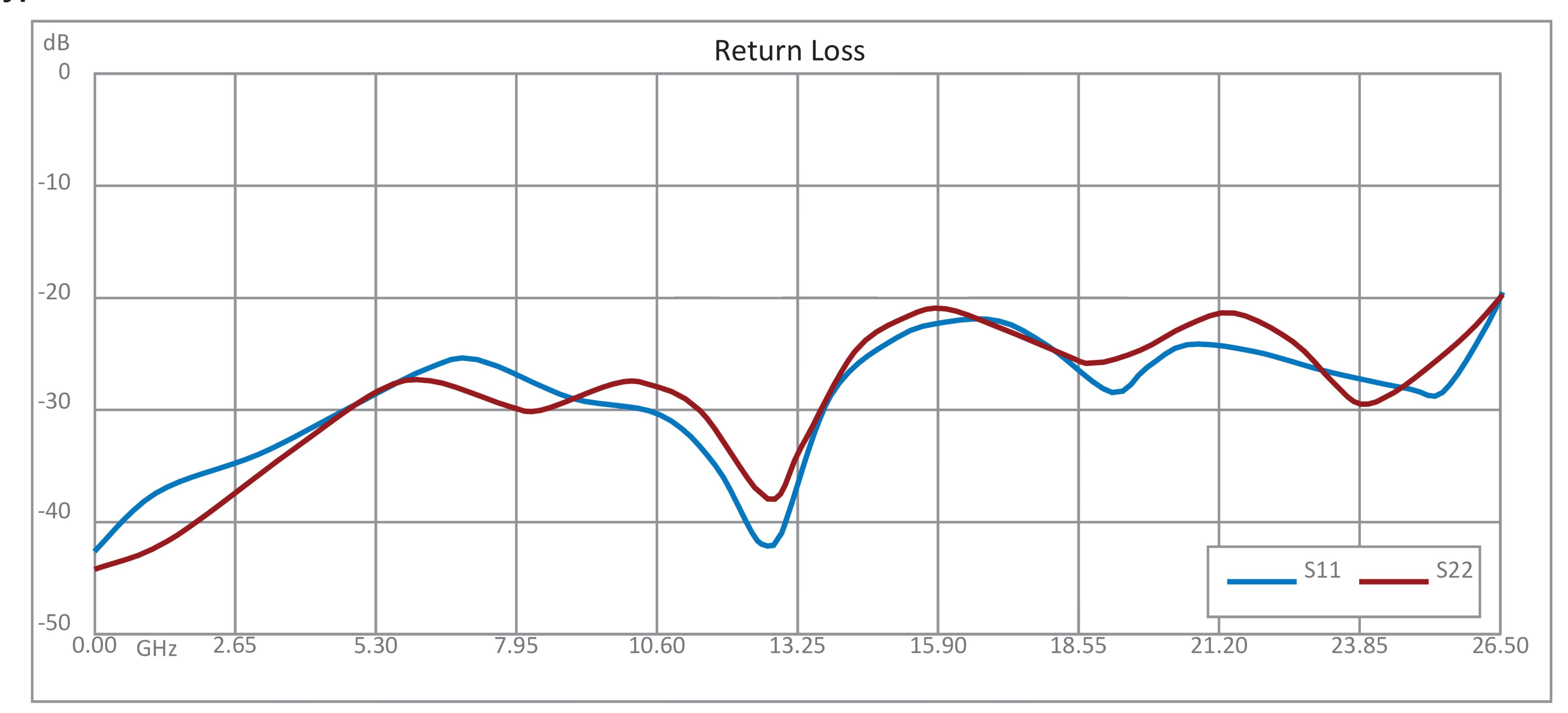
SMA Male to SMA Female Radius Right Angle Adapter, Functiona I Up to 26.5 GHz



RF Adapters Technical Data Sheet

ET12648

Typical Performance Data



SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz ET12648

URL: https://www.ebeestock.com/sma-male-to-sma-female-radius-right-angle-adapter-functional-up-to-26-5-ghz-0012648

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.

ET12648 CAD Drawing

SMA Male to SMA Female Radius Right Angle Adapter, Functional Up to 26.5 GHz

