

SMA Male to SMA Female Radius Right Angle Passivated Stainle ss Steel Adapter



RF Adapters Technical Data Sheet

ET12689

Configuration

- SMA Male Connector 1
- SMA Female Connector 2

Features

- Max VSWR of 1.2:1 up to 18 GHz
- 30 µin contact plating

Applications

General Purpose Test

- 50 Ohm
- Radius Right Angle Body Geometry
- Gold Plated Beryllium Copper Contact

Description

Ebeestock's ET12689 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. ET12689 SMA male to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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		18	GHz
VSWR			1.2:1	

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

Mechanical Specifications

Size

 Length
 0.6 in [15.24 mm]

 Width
 0.3 in [7.62 mm]

 Height
 0.5 in [12.7 mm]

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 Passivated Stainless Steel Adapter ET12689

www.ebeestock.com

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Description	Connector 1	Connector 2	
Туре	SMA Male	SMA Female	
Polarity	Standard	Standard	

Material Specifications

	Connector 1		Connector 2	
Description	on Material	Plating	Material	Plating
Туре	SMA Male		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		30 µin		30 µin
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

-55 to +125 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMA Male to SMA Female Radius Right Angle Passivated Stainless Steel 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.

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 Passivated Stainless Steel Adapter ET12689

URL: https://www.ebeestock.com/sma-male-to-sma-female-radius-right-angle-passivated-stainless-s teel-adapter-0012689

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