

SMA Male to SMA Male Radius Right Angle Gold Plated Stainles s Steel Adapter



# RF Adapters Technical Data Sheet

ET12694

## Configuration

- SMA Male Connector 1
- SMA Male Connector 2

### Features

- Max VSWR of 1.35:1 up to 26 GHz
- SMA interface compliant with MIL-STD 348

- 50 Ohm
- Radius Right Angle Body Geometry
- 30 µin contact plating
- Gold Plated Beryllium Copper Contact

## Applications

General Purpose Test

### Description

Ebeestock's ET12694 SMA male to SMA male 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 male gender configuration built of durable stainless steel. ET12694 SMA male to SMA male adapter is gold plated and operates to 26 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 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	GHz
VSWR			1.35:1	

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 18	18 to 26				GHz
VSWR, Max	1.25:1	1.35:1				

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 Male Radius Right Angle Gold Plated Stainless Steel Adapter ET12694

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# Mechanical Specifications

Size

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Polarity	Standard	Standard
Interface Specification	MIL-STD 348	MIL-STD 348

### Material Specifications

	Connector 1		Connec	tor 2
Description	Material	Plating	Material	Plating
Туре	SMA Male		SMA Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		30 µin		30 µin
Insulation	PTFE		PTFE	
Body	Stainless Steel	Gold	Stainless Steel	Gold
		3 µin		3 µin
Coupling Nut	Stainless Steel	Gold	Stainless Steel	Gold
		3 µin		3 µin

**Environmental Specifications** 

Temperature

Operating Range -65 to +165 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes

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SMA Male to SMA Male Radius Right Angle Gold Plated 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 Male Radius Right Angle Gold Plated Stainless Steel Adapter ET12694

**URL:** https://www.ebeestock.com/sma-male-to-sma-male-radius-right-angle-gold-plated-stainless-st eel-adapter-0012694

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