

SMA Female to SMA Female Radius Right Angle Passivated Stain less Steel Adapter



RF Adapters Technical Data Sheet

ET12691

Configuration

- SMA Female Connector 1
- SMA Female Connector 2

Features

- Max VSWR of 1.25:1 up to 18 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 ET12691 SMA female 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 female to female gender configuration built of durable stainless steel. ET12691 SMA female to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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			1.25:1	

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

Mechanical Specifications

Size

Length 0.483 in [12.27 mm] Height

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to SMA Female Radius Right Angle Passivated Stainless Steel Adapter ET12691

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Description	Connector 1	Connector 2	
Туре	SMA Female	SMA Female	
Polarity	Standard	Standard	
Interface Specification	MIL-STD 348	MIL-STD 348	

Material Specifications

	Connector 1		Connector 2		
Description	n Material	Plating	Material	Plating	
Туре	SMA Female		SMA Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		30 µin		30 µin	
Insulation	PTFE		PTFE		
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel		
Body	Passivated Stainless Steel		Passivated Stainless Steel		

Compliance Certifications (see product page for current document)

SMA Female 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.

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URL: https://www.ebeestock.com/sma-female-to-sma-female-radius-right-angle-passivated-stainless -steel-adapter-0012691

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