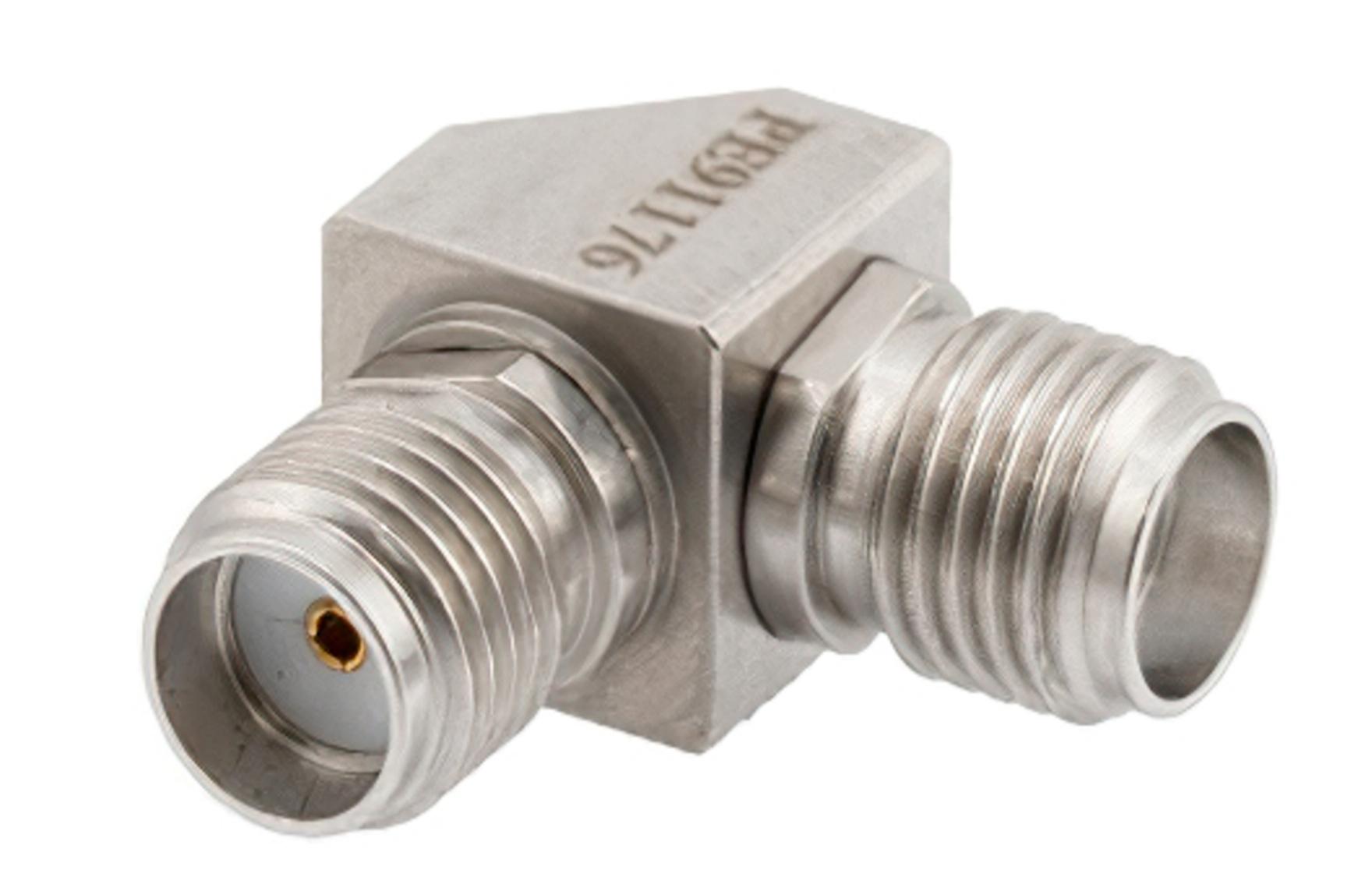


Precision SMA Female to SMA Female Miter Right Angle Adapter , 27 GHz



# RF Adapters Technical Data Sheet

ET12647

## Configuration

- SMA Female Connector 1
- SMA Female Connector 2

- Precision Design
- Miter Right Angle Body Geometry

### Features

• Max VSWR of 1.2:1 up to 27 GHz

Gold over Nickel Plated Beryllium Copper Contact

## Applications

General Purpose Test

Precision Test & Measurement

### Description

Ebeestock's ET12647 SMA female to SMA female miter 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 in a precision design. ET12647 SMA female to SMA female adapter operates to 27 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 maximum. This miter 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		27	GHz
VSWR			1.2:1	

### Mechanical Specifications

Size

Weight 0.0152 lbs [6.89 g]

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Female to SMA Female Miter Right Angle Adapter, 27 GHz ET12647

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#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		SMA Female	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
Insulation	PTFE		PTFE	
Outer Conductor Pa	assivated Stainless Steel		Passivated Stainless Steel	

## **Environmental Specifications**

Temperature

Operating Range

-55 to +100 °C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

Precision SMA Female to SMA Female Miter Right Angle Adapter, 27 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: Precision SMA Female to SMA Female Miter Right Angle Adapter, 27 GHz ET12647

**URL:** https://www.ebeestock.com/precision-sma-female-to-sma-female-miter-right-angle-adapter-27-ghz-0012647

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.

