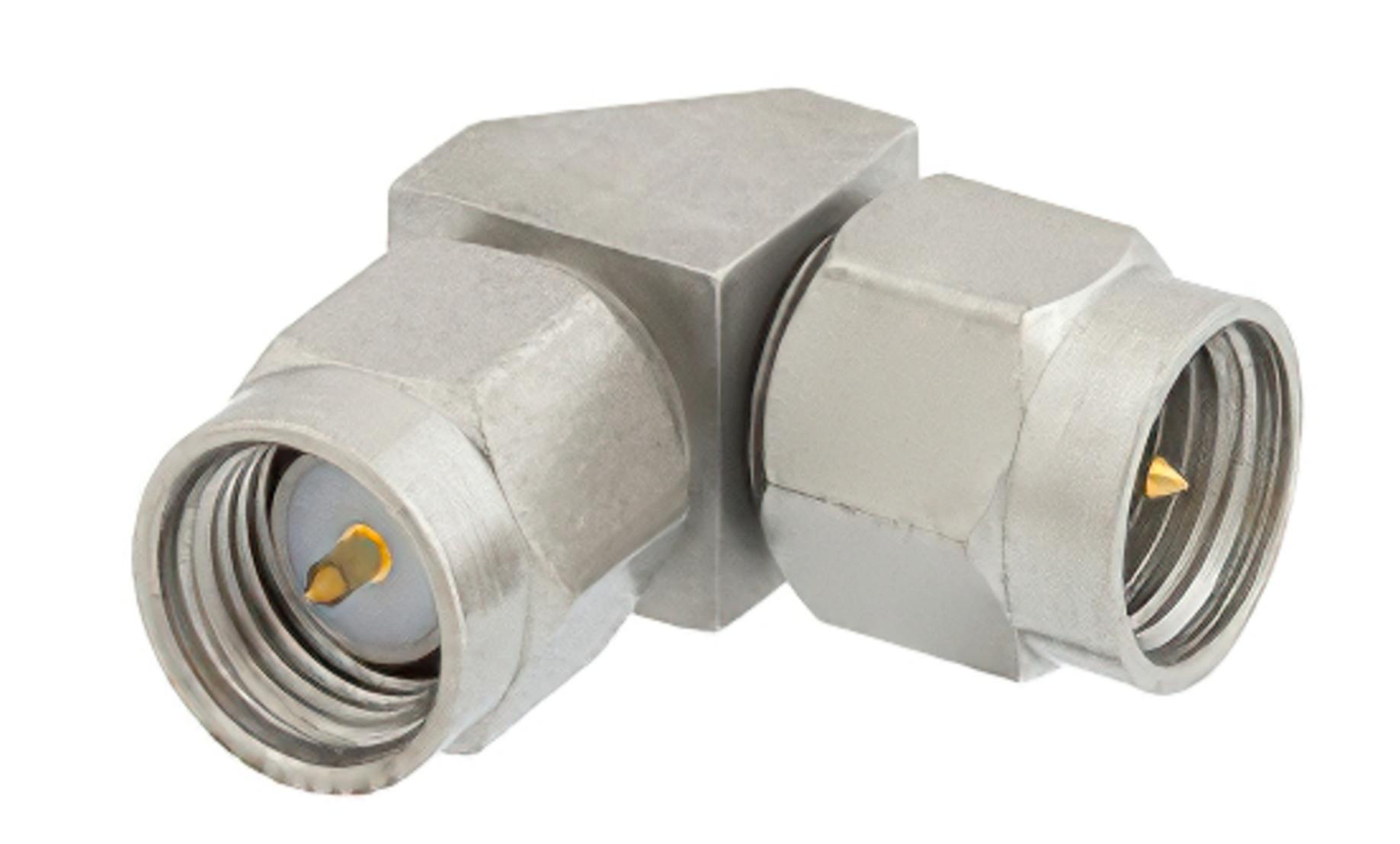


Precision SMA Male to SMA Male Miter Right Angle Adapter, 27 GHz



RF Adapters Technical Data Sheet

ET12644

Configuration

- SMA Male Connector 1
- SMA Male Connector 2
- 50 Ohm

- Precision Design
- Miter Right Angle Body Geometry

Features

- Max VSWR of 1.15:1 up to 27 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact

Applications

General Purpose Test

Precision Test & Measurement

Description

Ebeestock's ET12644 SMA male to SMA male 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 male to male gender configuration built of durable stainless steel in a precision design. ET12644 SMA male to SMA male adapter operates to 27 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 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	1.15:1			
Insertion Loss			0.26	dB

Electrical Specification Notes: Values at 25°C, sea level. Insertion Loss (dB) = 0.05*sqrt(fGHz).

Mechanical Specifications

Size

 Length
 0.545 in [13.84 mm]

 Width
 0.517 in [13.13 mm]

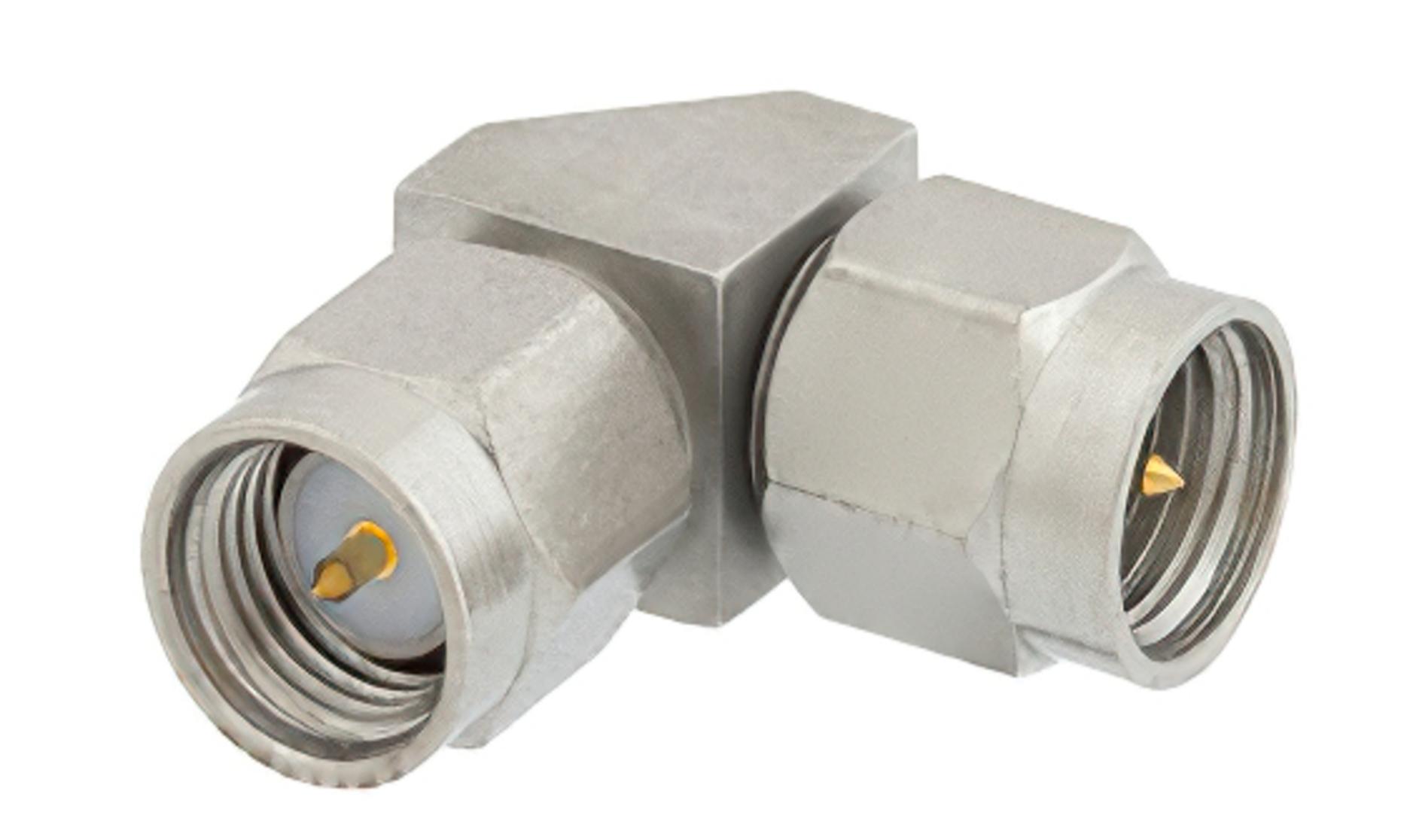
 Weight
 0.019 lbs [8.62 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Male to SMA Male Miter Right Angle Adapter, 27 GHz ET12644

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



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Description	Connector 1	Connector 2	
Туре	SMA Male	SMA Male	
Polarity	Standard	Standard	
Mating Cycles	500	500	
Hex Size	5/16 in.	5/16 in.	
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]	8 to 10 in-lbs 0.90 to 1.13 Nm	

Material Specifications

Connecto		Connec	ctor 2
n Material	Plating	Material	Plating
SMA Male		SMA Male	
Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
	MIL-G-45204		MIL-G-45204
PTFE		PTFE	
Passivated Stainless Steel		Passivated Stainless Steel	
	ASTM A380		ASTM A380
Passivated Stainless Steel		Passivated Stainless Steel	
	ASTM A380		ASTM A380
	SMA Male Beryllium Copper PTFE Passivated Stainless Steel	SMA Male Beryllium Copper Gold over Nickel MIL-G-45204 PTFE Passivated Stainless Steel ASTM A380 Passivated Stainless Steel	SMA Male Beryllium Copper Gold over Nickel MIL-G-45204 PTFE Passivated Stainless Steel Passivated Stainless Steel

Environmental SpecificationsTemperature

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Operating Range -55 to +100 °C

Vibration WIL-STD-202, Method 204, Cond. D (20G's)

Salt Spray MIL-STD-202, Method 101, Cond. B, 5% salt solution

Compliance Certifications (see product page for current document)

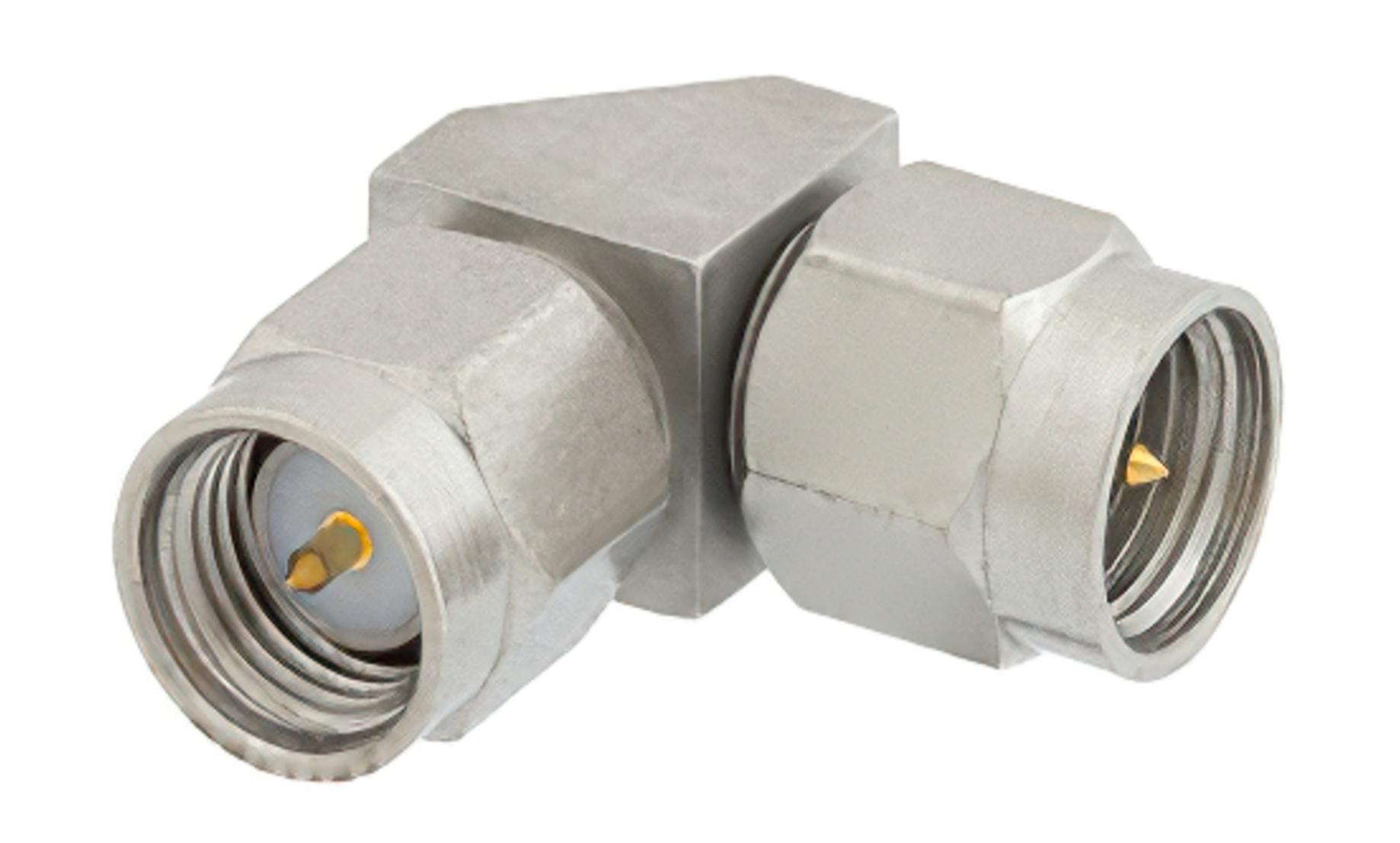
Plotted and Other Data

Notes:

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



RF Adapters Technical Data Sheet

ET12644

Precision SMA Male to SMA Male 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 Male to SMA Male Miter Right Angle Adapter, 27 GHz ET12644

URL: https://www.ebeestock.com/precision-sma-male-to-sma-male-miter-right-angle-adapter-27-ghz-0012644

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.

ET12644 CAD Drawing
Precision SMA Male to SMA Male Miter Right Angle Adapter, 27 GHz

