

Push-On SMA Male to SMA Female Adapter



# RF Adapters Technical Data Sheet

ET12676

## Configuration

- Push-On SMA Male Connector 1
- SMA Female Connector 2

- 50 Ohm
- Straight Body Geometry

#### Features

Max VSWR of 1.5:1 up to 18 GHz

Gold Plated Beryllium Copper Contact

# Applications

General Purpose Test

#### Description

Ebeestock's ET12676 push-on SMA male to SMA female adapter is part of our full line of RF components available for sameday 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. ET12676 SMA male to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides good VSWR of 1.5:1 maximum.

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		1.35:1	1.5:1	

#### Mechanical Specifications

#### Size

 Length
 0.72 in [18.29 mm]

 Width
 0.367 in [9.32 mm]

 Weight
 0.01 lbs [4.54 g]

Description	Connector 1	Connector 2	
Type	SMA Male	SMA Female	
Polarity	Standard	Standard	
Mating Cycles	500	500	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Push-On SMA Male to SMA Female Adapter ET12676



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#### Material Specifications

	Connector 1		Connector 2	
Description	n Material	Plating	Material	Plating
Туре	Push-On SMA Male		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conducto	or		Passivated Stainless Steel	
Body	Passivated Stainless Steel	Passivated Stainless Steel		
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	

### Compliance Certifications (see product page for current document)

Push-On SMA Male to SMA Female 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: Push-On SMA Male to SMA Female Adapter ET12676

URL: https://www.ebeestock.com/push-on-sma-male-to-sma-female-adapter-0012676

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.

# ET12676 CAD Drawing Push-On SMA Male to SMA Female Adapter

