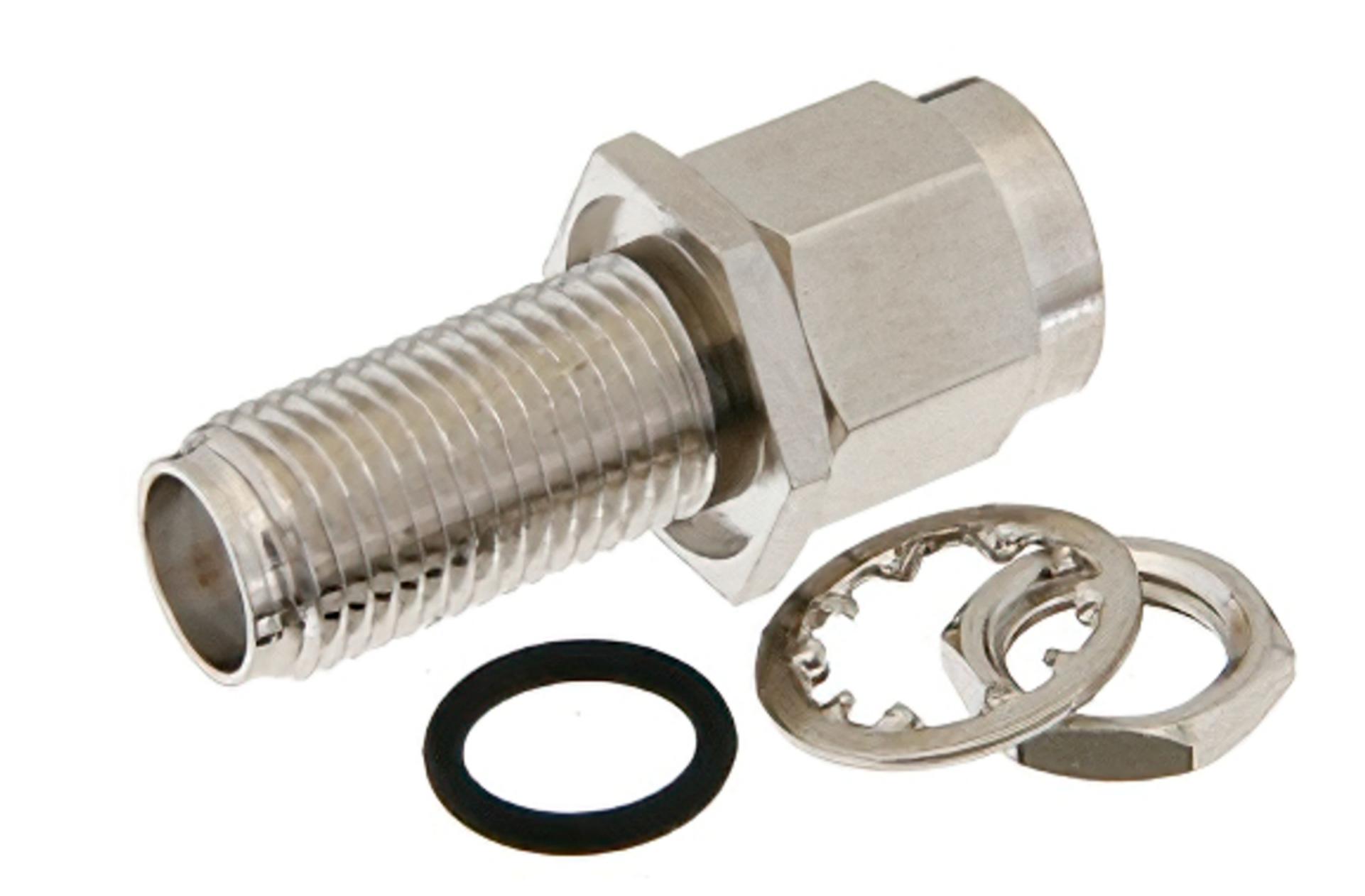


SMA Male to SMA Female Bulkhead Mount Adapter, 18 GHz



## RF Adapters Technical Data Sheet

ET1261

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## Configuration

- SMA Male Connector 1
- SMA Female Connector 2
- 50 Ohms

- Straight Body Geometry
- Bulkhead Mount Method

#### Features

- Max VSWR of 1.23:1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348A
- Gold Plated Beryllium Copper Contact
- 50µ in min Gold Contact Plating

## Applications

General Purpose Test

Rack Mounted Equipment

#### Description

Ebeestock's ET12615 SMA male to SMA female bulkhead 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 female gender configuration. ET12615 SMA male to SMA female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.23:1 maximum. This RF SMA to SMA bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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.

ectrical Specifications			
Erequency Range	DC	18	GHz
VSWR		1.23:1	
Operating Voltage (AC)		<b>500</b>	Vrms

#### Mechanical Specifications

Size

 Length
 0.92 in [23.37 mm]

 Width
 0.375 in [9.53 mm]

 Weight
 0.01 lbs [4.54 g]

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 Female Bulkhead Adapter 18 GHz ET12615

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 Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Hex Size	5/16 in	
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]	

#### Material Specifications

Connector 1		ector 1	Connector 2		
Description	Material	Plating	Material	Plating	
Туре	SMA Male		SMA Female		
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold	
		50µ in. minimum		50μ in. minimum	
Insulation	PTFE		PTFE		
Outer Conductor			Brass	Nickel	
				100μ in. minimum	
Body	Brass	Nickel			
		100μ in. minimum			
Gasket	Silicone				
Coupling Nut	Brass	Nickel			
		100μ in. minimum			

# Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

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## RF Adapters Technical Data Sheet ET12615

SMA Male to SMA Female Bulkhead Adapter 18 GHz from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% 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 Female Bulkhead Adapter 18 GHz ET12615

URL: https://www.ebeestock.com/sma-male-to-sma-female-bulkhead-mount-adapter-18-ghz-0012615

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.

ET12615 CAD Drawing
SMA Male to SMA Female Bulkhead Adapter 18 GHz

