

Precision SMA Female to SMP Male 4 Hole Flange Mount Adapter, Full Detent



# RF Adapters Technical Data Sheet

ET12633

## Configuration

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

## Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- SMA interface compliant with MIL-STD-348
- SMP interface compliant with DESC94007

- Precision Design
- Straight Body Geometry
- 4 Hole Flange Mount Method
- Contact plating according to MIL-G-45204, Type I, Grade 1, Class A
- Gold Plated Beryllium Copper Contact

## Applications

- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment
- Precision Test & Measurement

#### Description

Ebeestock's ET12633 SMA female to SMP male 4 hole flange 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 SMP adapter has a female to male gender configuration built of durable stainless steel in a precision design. ET12633 SMA female to SMP male adapter operates to 26.5 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 maximum. This RF SMA to SMP 4 hole flange 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.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
VSWR			1.2:1	

#### Mechanical Specifications

 Size

 Length
 0.779 in [19.79 mm]

 Width
 0.5 in [12.7 mm]

 Height
 0.5 in [12.7 mm]

 Weight
 0.0097 lbs [4.4 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 Female to SMP Male 4 Hole Flange Mount Adapter, Full Detent ET12633



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Description	Connector 1	Connector 2  SMP Male	
Туре	SMA Female		
Polarity	Standard	Standard DESC94007	
Interface Specification	MIL-STD-348		
Mating Cycles	100	100	

#### Material Specifications

Connector 1		Connector 2		
n Material	Plating	Material	Plating	
SMA Female		SMP Male		
Beryllium Copper	Gold	Beryllium Copper	Gold	
MIL-G-45	5204, Type I, Grade 1,	Class A	MIL-G-45204, Type I, Grade 1,	
PTFE		PTFE		
Passivated Stainless Steel	Passivated Stainless Steel			
	AMS-QQ-P-35		AMS-QQ-P-35	
	n Material SMA Female Beryllium Copper MIL-G-45	SMA Female  Beryllium Copper Gold  MIL-G-45204, Type I, Grade 1,  PTFE  Passivated Stainless Steel	Naterial Plating Material  SMA Female SMP Male  Beryllium Copper Gold Beryllium Copper  MIL-G-45204, Type I, Grade 1, Class A  PTFE Passivated Stainless Steel Passivated Stainless Steel	

# **Environmental Specifications**Temperature

Operating Range -55 to +125 °C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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
ET12633

Precision SMA Female to SMP Male 4 Hole Flange Mount Adapter, Full Detent 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 SMP Male 4 Hole Flange Mount Adapter, Full Detent ET12633

**URL:** https://www.ebeestock.com/precision-sma-female-to-smp-male-4-hole-flange-mount-adapter-ful l-detent-0012633

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.



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