

Precision SMA Female to Mini SMP Female Adapter



# RF Adapters Technical Data Sheet

ET12422

# Configuration

- SMA Female Connector 1
- Mini SMP Female Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry

#### Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- SMA Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

# Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

#### Description

Ebeestock's ET12422 precision SMA female to Mini SMP female 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 Mini SMP adapter has a female to female gender configuration in a precision design. ET12422 SMA female to Mini SMP female adapter operates to 26.5 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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		26.5	GHz
VSWR			1.2:1	

Electrical Specification Notes: Values at 25°C, sea level.

# Mechanical Specifications

Size

 Length
 0.714 in [18.14 mm]

 Width
 0.278 in [7.06 mm]

 Weight
 0.006 lbs [2.72 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 Mini SMP Female Adapter ET12422

www.ebeestock.com

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Connector 1	Connector 2	
SMA Female	Mini SMP Female	
Standard	Standard	
MIL-STD-348		
	SMA Female Standard	

# Material Specifications

	Connector 1		Connec	tor 2
Description	Material	Plating	Material	Plating
Туре	SMA Female		Mini SMP Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor Passivated Stainless Steel			Beryllium Copper	Gold
		AMS-QQ-P-35		MIL-G-45204

# **Environmental Specifications**Temperature

Operating Range

-55 to +125 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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Precision SMA Female to Mini SMP Female Adapter 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: Precision SMA Female to Mini SMP Female Adapter ET12422

URL: https://www.ebeestock.com/precision-sma-female-to-mini-smp-female-adapter-0012422

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.

ET12422 CAD Drawing
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