

Precision SMA Male to 2.4mm Male Adapter



# RF Adapters Technical Data Sheet

ET1274

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## Configuration

- SMA Male Connector 1
- 2.4mm Male 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

# Applications

Allows Connection Between Series

General Purpose Test

Precision Test & Measurement

#### Description

Ebeestock's ET12749 precision SMA male to 2.4mm male 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. The 2.4mm connector mates mechanically with commercially available 1.85mm (V) connectors. Our SMA to 2.4mm adapter has a male to male gender configuration built of durable stainless steel in a precision design. ET12749 SMA male to 2.4mm male 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			
Frequency Range	DC	26.5	GHz
VSWR		1.2:1	

## Mechanical Specifications

Size

Length 0.79 in [20.07 mm] Width 0.312 in [7.92 mm] Weight 0.013 lbs [5.9 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 2.4mm Male Adapter ET12749



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Description	Connector 1	Connector 2	
Туре	SMA Male	2.4mm Male	
Polarity	Standard	Standard	
Interface Specification	MIL-STD-348		
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

Connector 1		Connector 2		
n Material	Plating	Material	Plating	
SMA Male		2.4mm Male		
Beryllium Copper	Gold	Beryllium Copper	Gold	
Passivated Stainless Steel		Passivated Stainless Steel		
Passivated Stainless Steel		Passivated Stainless Steel		
	n Material SMA Male Beryllium Copper Passivated Stainless Steel	n Material Plating  SMA Male  Beryllium Copper Gold  Passivated Stainless Steel	nMaterialPlatingMaterialSMA Male2.4mm MaleBeryllium CopperGoldBeryllium CopperPassivated Stainless SteelPassivated Stainless Steel	

# **Environmental Specifications**

Temperature

Operating Range

-65 to +125 deg C

Compliance Certifications (see product page for current document)

# Plotted and Other Data

Notes:

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Precision SMA Male to 2.4mm Male 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 Male to 2.4mm Male Adapter ET12749

URL: https://www.ebeestock.com/precision-sma-male-to-2-4mm-male-adapter-0012749

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.

ET12749 CAD Drawing
Precision SMA Male to 2.4mm Male Adapter

