

2.4mm Female to SMP Female Adapter



## RF Adapters Technical Data Sheet

ET11914

#### Configuration

- 2.4mm Female Connector 1
- SMP Female Connector 2

- 50 Ohm
- Straight Body Geometry

#### Features

- Max VSWR of 1.25:1 up to 40 GHz
- SMP interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

## Applications

Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET11914 2.4mm female to SMP female adapter is part of our full line of RF components available for same-day shipping. The 2.4mm connector mates mechanically with commercially available 1.85mm (V) connectors. Our 2.4mm to SMP adapter has a female to female gender configuration. ET11914 2.4mm female to SMP female adapter operates to 40 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 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		40	GHz
VSWR			1.25:1	

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

#### Mechanical Specifications

Size

 Length
 0.815 in [20.7 mm]

 Width
 0.25 in [6.35 mm]

 Weight
 0.011 lbs [4.99 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.4mm Female to SMP Female Adapter ET11914

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Description	Connector 1	Connector 2
Type	2.4mm Female	SMP Female
Polarity	Standard	Standard
Interface Specification		MIL-STD-348

#### Material Specifications

Connector 1		Conne	tor 2
Material	Plating	Material	Plating
2.4mm Female		SMP Female	
Beryllium Copper	Gold	Beryllium Copper	Gold
	MIL-G-45204		MIL-G-45204
PTFE		PTFE	
Beryllium Copper	Gold	Beryllium Copper	Gold
	MIL-G-45204		MIL-G-45204
	2.4mm Female Beryllium Copper  PTFE	Material Plating  2.4mm Female  Beryllium Copper Gold  MIL-G-45204  PTFE  Beryllium Copper Gold	MaterialPlatingMaterial2.4mm FemaleSMP FemaleBeryllium CopperGoldBeryllium CopperMIL-G-45204PTFEPTFEBeryllium CopperGoldBeryllium Copper

## **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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2.4mm Female to 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: 2.4mm Female to SMP Female Adapter ET11914

URL: https://www.ebeestock.com/2-4mm-female-to-smp-female-adapter-0011914

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.

# ET11914 CAD Drawing 2.4mm Female to SMP Female Adapter

