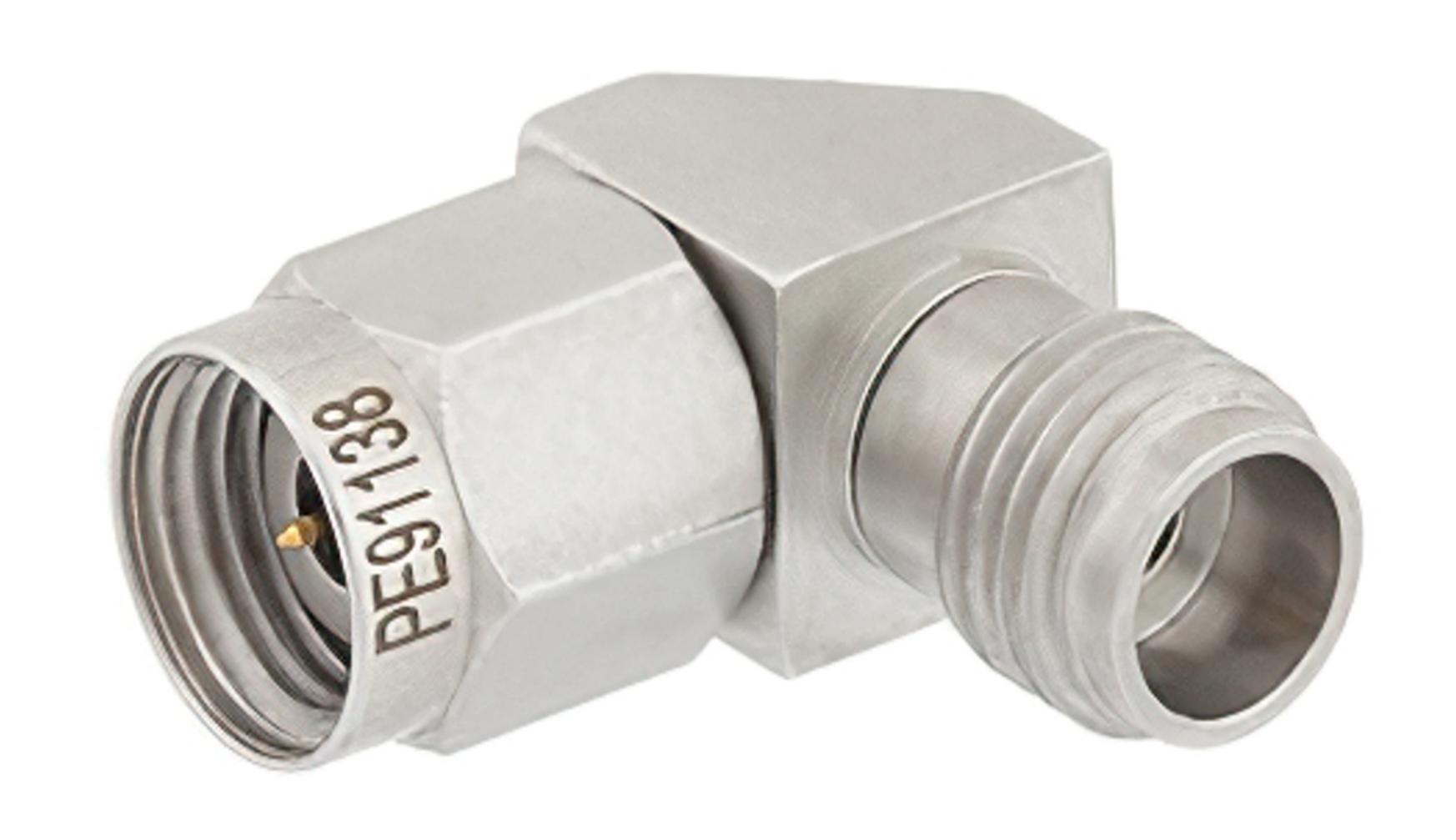


2.4mm Male to 2.4mm Female Right Angle Adapter



# RF Adapters Technical Data Sheet

ET11921

# Configuration

- 2.4mm Male Connector 1
- 2.4mm Female Connector 2

## Features

- Max VSWR of 1.4:1 up to 50 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact
- 50 Ohm
- Right Angle Body Geometry
- Max VSWR of 1.4:1 up to 50 GHz
- Gold over Nickel Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

# Applications

General Purpose Test

General Purpose Test

## Description

Ebeestock's ET11921 2.4mm male to 2.4mm female right angle 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 2.4mm adapter has a male to female gender configuration. ET11921 2.4mm male to 2.4mm female adapter operates to 50 GHz. The Ebeestock RF adapter provides good VSWR of 1.4:1 maximum. This right angle 2.4mm to 2.4mm adapter allows for easier connections in tight spaces.

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		50	GHz
VSWR			1.4:1	

Electrical Specification Notes: Values at 25°C, sea level. Insertion Loss (dB) = 0.05\*sqrt(fGHz).

## Mechanical Specifications

Size

 Length
 0.531 in [13.49 mm]

 Width
 0.498 in [12.65 mm]

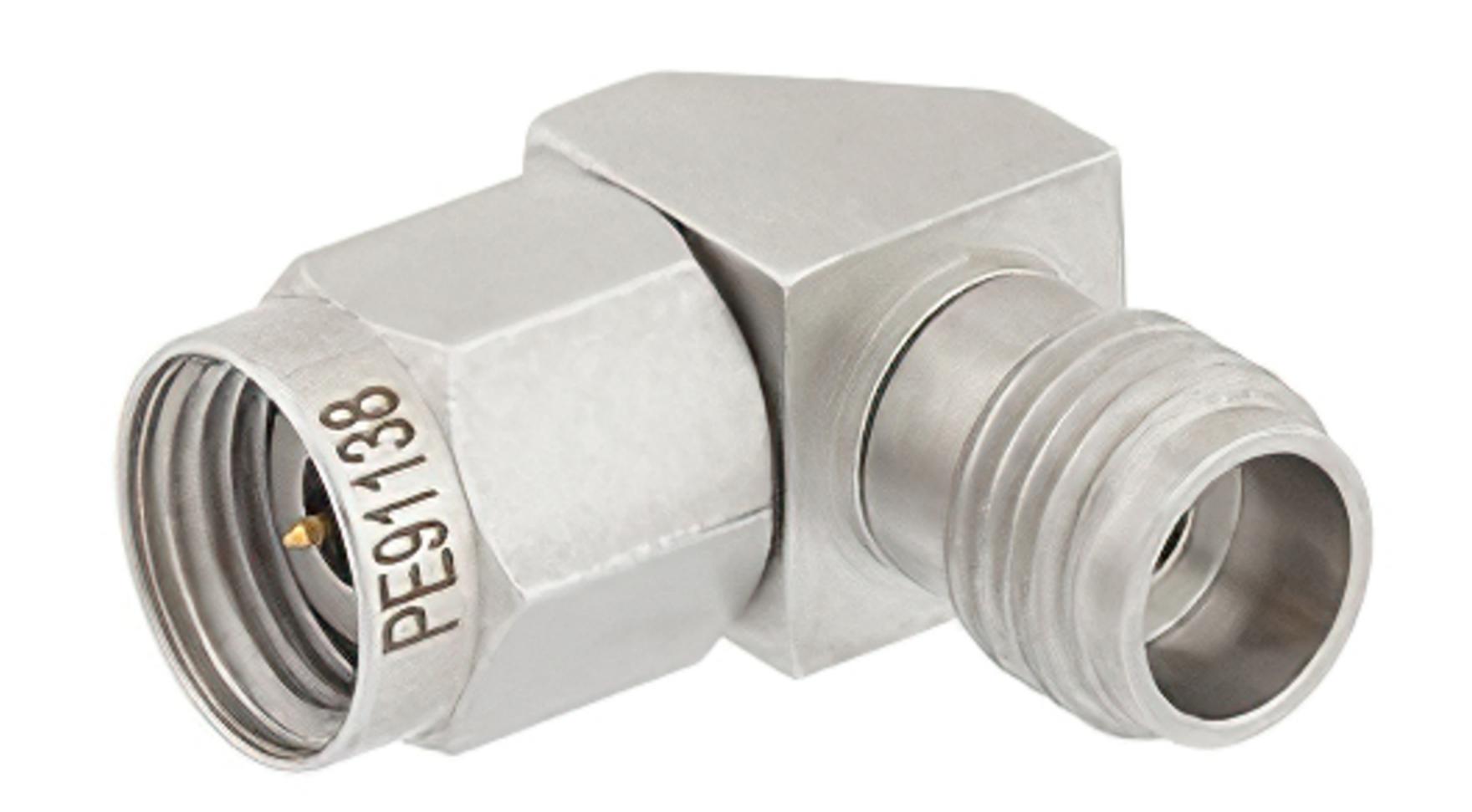
 Weight
 0.016 lbs [7.26 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.4mm Male to 2.4mm Female Right Angle Adapter ET11921

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



2.4mm Male to 2.4mm Female Right Angle Adapter



# RF Adapters Technical Data Sheet

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Description	Connector 1	Connector 2	
Туре	2.4mm Male	2.4mm Female	
Polarity	Standard	Standard	
Mating Cycles	500	500	
Hex Size	5/16 in.		
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]		

#### Material Specifications

Material	Plating		
		Material	Plating
2.4mm Male		2.4mm Female	
Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
	MIL-G-45204		MIL-G-45204
Oxide-Noryl		Oxide-Noryl	
		Passivated Stainless Steel	
			ASTM A380
Passivated Stainless Steel			
	ASTM A380		
Passivated Stainless Steel			
	ASTM A380		
	Oxide-Noryl Passivated Stainless Steel	Oxide-Noryl  Passivated Stainless Steel  ASTM A380  Passivated Stainless Steel	Oxide-Noryl Oxide-Noryl Passivated Stainless Steel ASTM A380 Passivated Stainless Steel

## Environmental Specifications

Temperature

Operating Range -55 to +100 deg C

Vibration

MIL-STD-202, Method 204, Cond. D (20G's)

Salt Spray

MIL-STD-202, Method 101, Cond. B, 5% salt solution

Compliance Certifications (see product page for current document)

## Plotted and Other Data

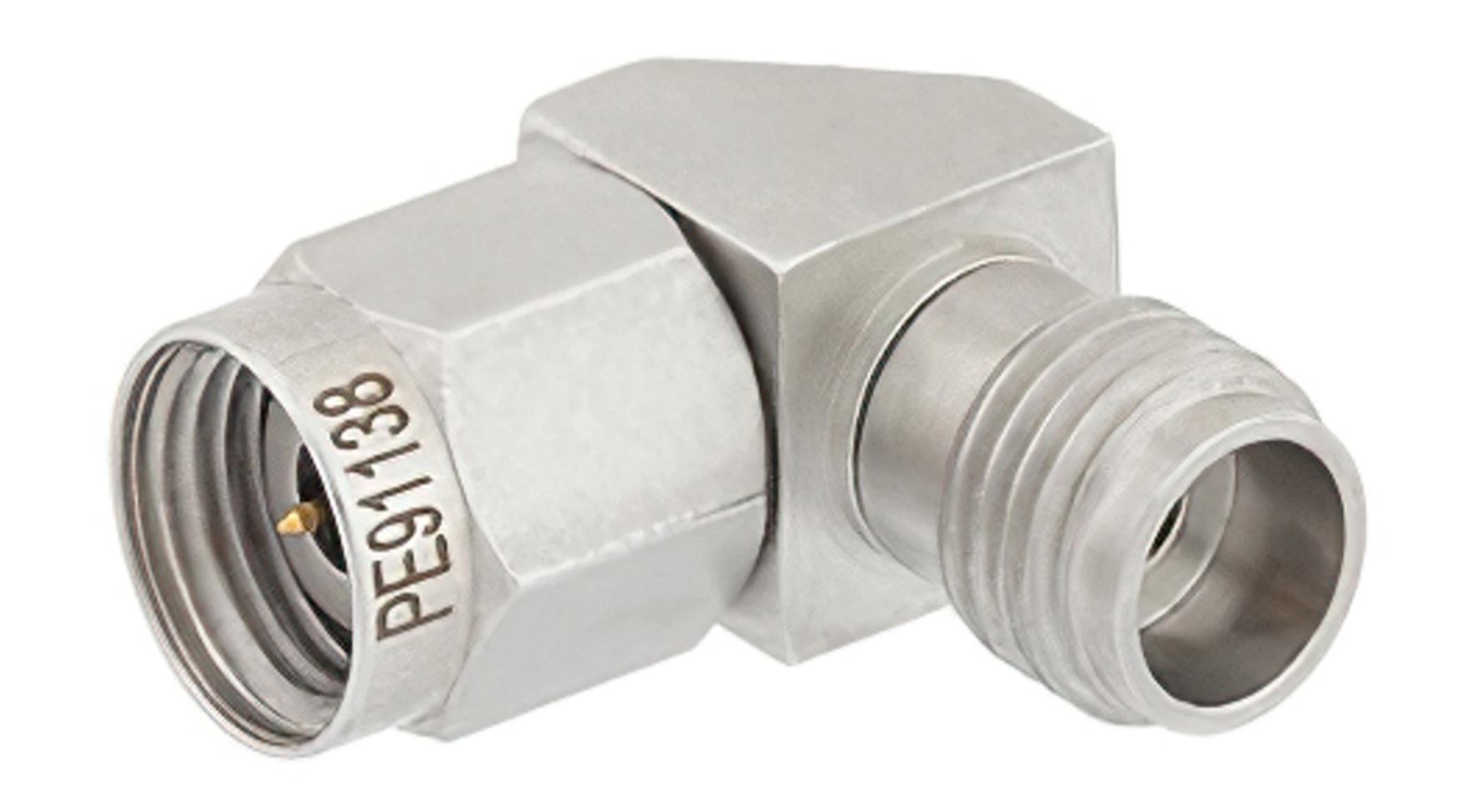
Notes:

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2.4mm Male to 2.4mm Female Right Angle Adapter



# RF Adapters Technical Data Sheet

ET11921

2.4mm Male to 2.4mm Female Right Angle Adapter 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: 2.4mm Male to 2.4mm Female Right Angle Adapter ET11921

URL: https://www.ebeestock.com/2-4mm-male-to-2-4mm-female-right-angle-adapter-0011921

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.

ET11921 CAD Drawing
2.4mm Male to 2.4mm Female Right Angle Adapter

