

SMA Female to 3.5mm Female Adapter



RF Adapters Technical Data Sheet

ET1276

2

Configuration

- SMA Female Connector 1
- 3.5mm Female Connector 2

- 50 Ohms
- Straight Body Geometry

Gold over Nickel Plated Beryllium Copper Contact

Features

- Max VSWR of 1.2:1 up to 27 GHz
- Contact plating according to MIL-G-45204

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12762 SMA female to 3.5mm 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. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to 3.5mm adapter has a female to female gender configuration. ET12762 SMA female to 3.5mm female adapter operates to 27 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.

ectrical Specifications			
Erequency Range	DC	27	GHz
VSWR		1.2:1	
Insertion Loss		0.26	dB

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

Mechanical Specifications

Size

 Length
 0.7 in [17.78 mm]

 Width
 0.25 in [6.35 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: SMA Female to 3.5mm Female Adapter ET12762

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Description	Connector 1	Connector 2
Туре	SMA Female	3.5mm Female
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

	Connector 1		Connec	nnector 2	
Description	Material	Plating	Material	Plating	
Туре	SMA Female		3.5mm Female		
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
		MIL-G-45204		MIL-G-45204	
Insulation	PTFE		Oxide-Noryl		
Outer Conductor Pa	assivated Stainless Steel		Passivated Stainless Steel		
		ASTM A380		ASTM A380	

Environmental Specifications

Temperature

Operating Range -55 to +100 deg C

Vibration WIL-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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SMA Female to 3.5mm 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: SMA Female to 3.5mm Female Adapter ET12762

URL: https://www.ebeestock.com/sma-female-to-3-5mm-female-adapter-0012762

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.

ET12762 CAD Drawing SMA Female to 3.5mm Female Adapter

