

Precision 4 Hole Flange Mount SMA Male to N Male Adapter



RF Adapters Technical Data Sheet

ET1258

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Configuration

- SMA Male Connector 1
- N Male Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry
- 4 Hole Flange Mount Method

Features

- Max VSWR of 1.15:1 up to 18 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment
- Precision Test & Measurement

Description

Ebeestock's ET12585 precision 4 hole flange mount SMA male to type N 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. Our SMA to type N adapter has a male to male gender configuration built of durable stainless steel in a precision design. ET12585 SMA male to type N male adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum. This RF SMA 4 hole flange to type N adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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			
Erequency Range	DC	18	GHz
VSWR		1.15:1	
Insertion Loss		0.22	dB

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

Mechanical Specifications

Size

Length 1.636 in [41.55 mm] Width 1 in [25.4 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision 4 Hole Flange Mount SMA Male to N Male Adapter ET12585

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com



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Height 1 in [25.4 mm] Weight 0.116 lbs [52.62 g]

Description	Connector 1	Connector 2	
Type	SMA Male	N Male	
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

	Connector 1		Connector 2	
Descriptio	n Material	Plating	Material	Plating
е	SMA Male		N Male	
ntact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		MIL-G-45204		MIL-G-45204
ulation	PTFE		PTFE	
ly	Passivated Stainless Steel		Passivated Stainless Steel	
		ASTM A380		ASTM A380
ıpling Nut	Passivated Stainless Steel		Passivated Stainless Steel	
		ASTM A380		ASTM A380
apling Nut	Passivated Stainless Steel		Passivated Stainless Steel	

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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Precision 4 Hole Flange Mount SMA Male to N 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.

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URL: https://www.ebeestock.com/precision-4-hole-flange-mount-sma-male-to-n-male-adapter-0012585

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. <a href="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.

ET12585 CAD Drawing
Precision 4 Hole Flange Mount SMA Male to N Male Adapter

