

SMA Male to HN Female Adapter



RF Adapters Technical Data Sheet

ET1236

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Configuration

- SMA Male Connector 1
- HN Female Connector 2

- 50 Ohm
- Straight Body Geometry

Features

- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact

Applications

• Allows Connection Between Series

General Purpose Test

Description

Ebeestock's ET12369 SMA male to HN 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. Our SMA to HN adapter has a male to female gender configuration. ET12369 SMA male to HN female adapter operates to 4 GHz.

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	cal Specifications			
Erequency Range	DC	4	GHz	
Operating Voltage (AC)		335	Vrms	
Dielectric Withstanding Voltage (AC)		1,000	Vrms	
Insulation Resistance	5,000		MOhms	

Mechanical Specifications

Size

 Length
 1.29 in [32.77 mm]

 Width
 0.895 in [22.73 mm]

 Weight
 0.068 lbs [30.84 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to HN Female Adapter ET12369

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



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Description	Connector 1	Connector 2
Type	SMA Male	HN Female
Polarity	Standard	Standard
Hex Size	5/16 in.	
Mating Torque	5 in-lbs [0.57 Nm] max	

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Male		HN Female	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Body	Brass	Tri-Metal over Nickel	Brass	Tri-Metal over Nickel
Coupling Nut	Brass	Tri-Metal over Nickel		

Environmental Specifications

Temperature

Operating Range

-65 to +165 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMA Male to HN Female 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: SMA Male to HN Female Adapter ET12369

URL: https://www.ebeestock.com/sma-male-to-hn-female-adapter-0012369

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.

ET12369 CAD Drawing SMA Male to HN Female Adapter

