

SMA Female to N Male Adapter



# RF Adapters Technical Data Sheet

ET1256

#### Configuration

- SMA Female Connector 1
- N Male Connector 2

# Features

- Max VSWR of 1.3:1 up to 11 GHz
- SMA interface compliant with MIL-STD-348A
- Type N interface compliant with MIL-STD-348A
- 50 Ohm
- Straight Body Geometry
- 50µ in. minimum contact plating
- Gold Plated Beryllium Copper Contact

### Applications

Allows Connection Between Series
General Purpose Test

#### Description

Ebeestock's ET12560 SMA female 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 female to male gender configuration. ET12560 SMA female to type N male adapter operates to 11 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 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.

lectrical Specifications		
Erequency Range	 11	GHz
VSWR	1.3:1	
Operating Voltage (AC)	500	Vrms

#### Mechanical Specifications

Size	
Length	1.201 in [30.51 mm]
Width	0.787 in [19.99 mm]
Height	0.787 in [19.99 mm]
Weight	0.079 lbs [35.83 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 N Male Adapter ET12560



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Description	Connector 1	Connector 2	
Туре	SMA Female	N Male	
Polarity	Standard	Standard	
Interface Specification	MIL-STD-348A	MIL-STD-348A	
interface Specification	IVIIL-5 I D-348A	IVIIL-5 I D-348A	

#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		N Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
		50µ in. minimum		50μ in. minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
		100μ in. minimum		
Body			Brass	Nickel
				100μ in. minimum
Gasket			Silicone	
Coupling Nut			Brass	Nickel
				100μ in. minimum

# **Environmental Specifications**Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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#### RF Adapters Technical Data Sheet ET12560

SMA Female 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 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/sma-female-to-n-male-adapter-0012560

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.

# ET12560 CAD Drawing SMA Female to N Male Adapter

