

SMA Male to N Male Adapter



## RF Adapters Technical Data Sheet

ET1255

9

## Configuration

- SMA Male Connector 1
- N Male Connector 2

#### Features

- Max VSWR of 1.3:1 up to 11 GHz
- SMA and N Interface compliant with MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Gold Plated Brass Contact
- 50 μ-in min. Gold Contact Plating

## Applications

Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET12559 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. ET12559 SMA male 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.

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

#### Mechanical Specifications

Size
Length

Width
Weight

1.28 in [32.51 mm] 0.787 in [19.99 mm] 0.074 lbs [33.57 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 N Male Adapter ET12559



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	Connector 2
SMA Male	N Male
Standard	Standard
MIL-STD-348A	MIL-STD-348A
5/16 in	
3 to 5 in-lbs [0.34 to 0.57 Nm]	
	Standard MIL-STD-348A 5/16 in

#### Material Specifications

Connector 1		Connector 2	
Material	Plating	Material	Plating
SMA Male		N Male	
Brass	Gold	Brass	Gold
	50μ in. minimum		50μ in. minimum
PTFE		PTFE	
Brass	Nickel	Brass	Nickel
	100μ in. minimum		100μ in. minimum
Silicone		Silicone	
Brass	Nickel	Brass	Nickel
	100μ in. minimum		100μ in. minimum
	Material SMA Male Brass  PTFE Brass  Silicone	Material Plating  SMA Male  Brass Gold 50μ in. minimum  PTFE  Brass Nickel 100μ in. minimum  Silicone  Brass Nickel	MaterialPlatingMaterialSMA MaleN MaleBrassGoldBrass50μ in. minimumPTFEBrassNickelBrass100μ in. minimumSiliconeBrassNickelBrass

## **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 ET12559

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.

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 N Male Adapter ET12559

URL: https://www.ebeestock.com/sma-male-to-n-male-adapter-0012559

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.

# ET12559 CAD Drawing SMA Male to N Male Adapter

