

Precision 2.92mm Female to N Male Adapter



RF Adapters Technical Data Sheet

ET1198

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Configuration

- 2.92mm Female Connector 1
- N Male Connector 2
- 50 Ohm

- Precision Design
- Straight Body Geometry

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

Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement
- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

Description

Ebeestock's ET11981 2.92mm female to type N male adapter is part of our full line of RF components available for sameday shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 2.92mm to type N adapter has a female to male gender configuration in a precision design. ET11981 2.92mm female to type N male adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 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	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 Width

Weight

1.588 in [40.34 mm] 0.81 in [20.57 mm] 0.097 lbs [44 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision 2.92mm Female to N Male Adapter ET11981

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	2.92mm Female	N Male
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	2.92mm Female		N Male	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor Pa	assivated Stainless Steel			
		ASTM A380		
Body			Passivated Stainless Steel	
				ASTM A380
Coupling Nut			Passivated Stainless Steel	
				ASTM A380

Environmental Specifications

Temperature

Operating Range -55 to +100 deg C

Vibration Vibration MIL-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 2.92mm 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/precision-2-92mm-female-to-n-male-adapter-0011981

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.

ET11981 CAD Drawing Precision 2.92mm Female to N Male Adapter

