

Precision N Male to 7mm Adapter



RF Adapters Technical Data Sheet

ET1211

Configuration

- N Male Connector 1
- 7mm Sexless Connector 2
- 50 Ohms

- Precision Design
- Straight Body Geometry

Features

- Max VSWR of 1.12:1 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

Description

Ebeestock's ET12111 precision type N male to 7mm sexless adapter is part of our full line of RF components available for same-day shipping. Our type N to 7mm adapter has a male to sexless gender configuration built of durable stainless steel in a precision design. ET12111 type N male to 7mm sexless adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.12:1 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.

ctrical Specifications			
Erequency Range	DC	18	GHz
VSWR		1.12:1	
Insertion Loss		0.22	dB

Electrical Specification Notes: Values at 25°C, sea level. VSWR = 1.03 + 0.005*(fGHz).Insertion Loss (dB) = 0.05*sqrt(fGHz).

Mechanical Specifications

Size Width

Length 1.769 in [44.93 mm] 0.872 in [22.15 mm] Weight 0.178 lbs [80.74 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision N Male to 7mm Sexless Adapter ET12111

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Description	Connector 1	Connector 2
Type	N Male	7mm Sexless
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

	Connect	or 1	Connec	tor 2
Description	on Material	Plating	Material	Plating
Туре	N Male		7mm Sexless	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		MIL-G-45204		MIL-G-45204
Insulation	Oxide-Noryl		Oxide-Noryl	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
		ASTM A380		ASTM A380
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	
		ASTM A380		ASTM A380

Environmental Specifications

Temperature

Operating Range -55 to +100 deg C

Vibration Vibration MIL-STD-202, Method 204, Cond. D (20G's)

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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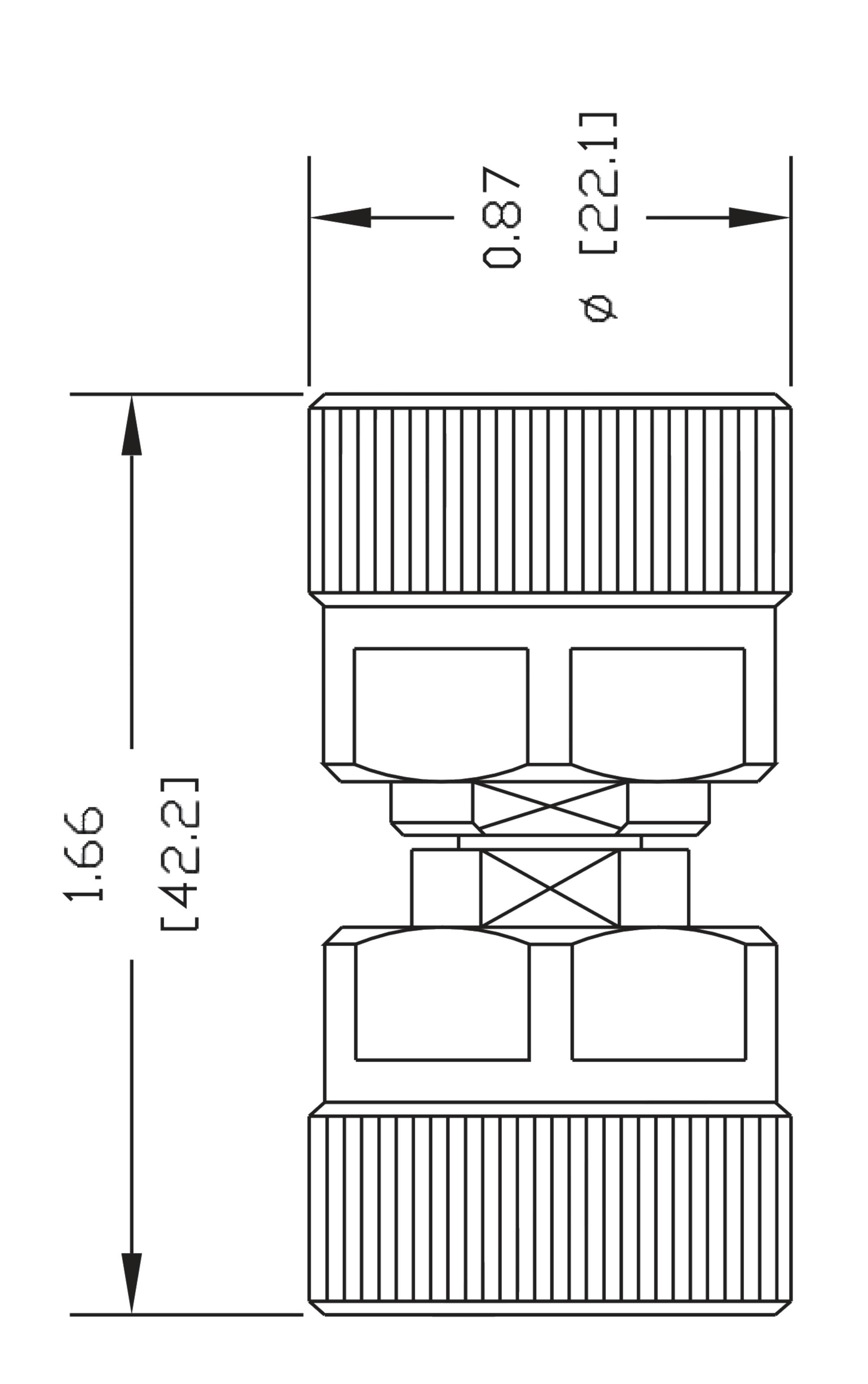
Precision N Male to 7mm Sexless Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision N Male to 7mm Sexless Adapter ET12111

URL: https://www.ebeestock.com/precision-n-male-to-7mm-adapter-0012111

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.

ET12111 CAD Drawing Precision N Male to 7mm Sexless Adapter



39000 29000 29000	ebeestock.com r, Building 1, Yongfu Science	DWG TITLE ET12111	NOTES: 1. UNLESS OTHE 2. ALL SPECIFIC 3. DIMENSIONS /	S OTHERWISE SPECIFIED ALL DIMENSIONS ECIFICATIONS ARE SUBJECT TO CHANGE V SIONS ARE IN INCHES [mm].	ALL DIMENSIONS ARE NECT TO CHANGE WITHOU	ARE NOMINAL. WITHOUT NOTICE AT	T ANY TIME.
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