50 Ohm N Female to 75 Ohm F Male Adapter

RF Adapters Technical Data Sheet

ET12325

Configuration

- N Female Connector 1
- F Male Connector 2
- 50 Ohms, 75 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.3:1 up to 250 MHz
- N Interface compliant with MIL-STD-348A
- F Interface compliant with MIL-STD-348A
- Gold Plated Brass Contact
- 30 µ-in min Gold Contact Plating

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12325 50 ohm type N female to 75 ohm type F male adapter is part of our full line of RF components available for same-day shipping. ET12325 type N female to type F male adapter operates to 250 MHz. 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

Frequency Range	DC	250	MHz
VSWR		1.3:1	
Operating Voltage (AC)		500	Vrms
Dielectric Withstanding Voltage (AC)		1,500	Vrms

Mechanical Specifications

Size

Length	1.091 in [27.71 mm]
Width	0.625 in [15.88 mm]
Weight	0.048 lbs [21.77 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 50 Ohm N Female to 75 Ohm F Male Adapter ET12325

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Description	Connector 1	Connector 2
Type	N Female	F Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Hex Size		7/16 in
Mating Torque		15 in-lbs [1.70 Nm] max

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	N Female		F Male	
Contact	Brass	Gold 30 µ-in minimum	Brass	Gold 30 µ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100 µ-in minimum		
Body			Brass	Nickel 100 µ-in minimum
Coupling Nut			Brass	Nickel 100 µ-in minimum

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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50 Ohm N Female to 75 Ohm F 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: 50 Ohm N Female to 75 Ohm F Male Adapter ET12325

URL: https://www.ebeestock.com/50-ohm-n-female-to-75-ohm-f-male-adapter-0012325

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.

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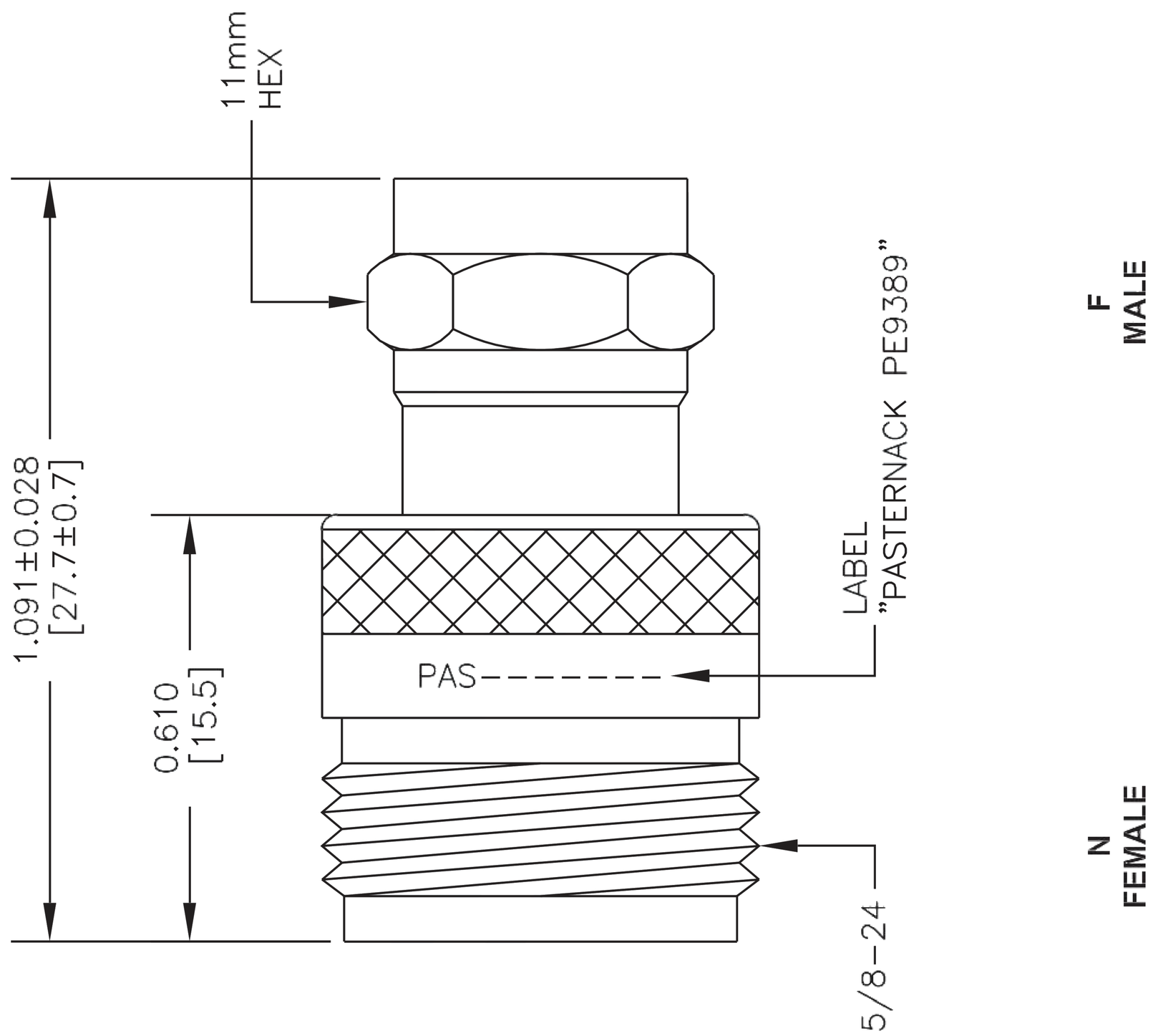
ET12325 CAD Drawing

50 Ohm N Female to 75 Ohm F Male Adapter



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE: ET12325

FSCM NO. 53919

CAD FILE: 021916

SCALE N/A

SIZE A

3045

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