



N Female to N Female Right Angle Bulkhead Adapter

RF Adapters Technical Data Sheet

PE9541

Configuration

- N Female Connector 1
- N Female Connector 2
- 50 Ohms
- Right Angle Body Geometry
- Bulkhead Mount Method

Features

- N Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact
- 30 µin min Gold Contact Plating

Applications

- General Purpose Test
- Rack Mounted Equipment

Description

Pasternack's PE9541 type N female to type N female right angle bulkhead adapter is part of our full line of RF components available for same-day shipping. Our type N to type N adapter has a female to female gender configuration. PE9541 type N female to type N female adapter operates to 6 GHz. This low profile right angle type N adapter allows for easier connections in tight spaces. This RF type N to type N bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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. Pasternack 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Dielectric Withstanding Voltage (AC)			2,000	Vrms

Electrical Specification Notes:
Values at 25°C, sea level.

Mechanical Specifications

Size

Length	2.028 in [51.51 mm]
Width	0.87 in [22.1 mm]
Height	1.457 in [37.01 mm]
Weight	0.185 lbs [83.91 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to N Female Right Angle Bulkhead Adapter PE9541](#)



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Description	Connector 1	Connector 2
Type	N Female	N Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		N Female	
Contact	Beryllium Copper	Gold 30 µin minimum	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 150 µin minimum	Brass	Nickel 150 µin 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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N Female to N Female Right Angle Bulkhead Adapter from Pasternack 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.

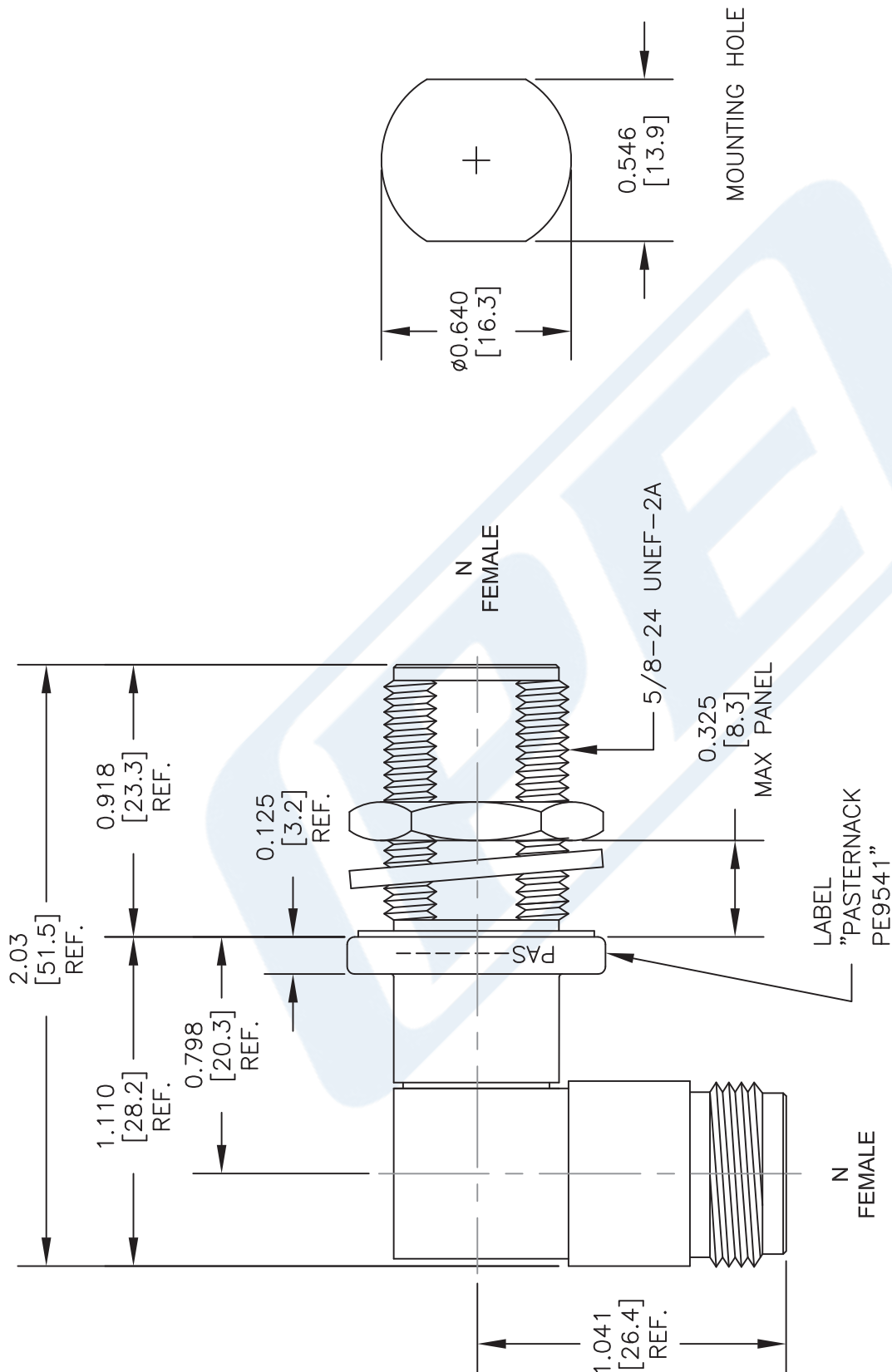
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to N Female Right Angle Bulkhead Adapter PE9541](https://www.pasternack.com/n-female-n-female-right-angle-adapter-pe9541-p.aspx)

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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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

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

***STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES**



PARNER
THE ENGINEER'S RF SOURCE

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DWG TITLE

PE9541

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].

FSCM NO. 53919

CAD FILE 083116

SCALE N/A

SIZE A

41742