



N Tee Adapter Female-Female-Female

RF Adapters Technical Data Sheet

PE9101

Configuration

- N Female Connector 1
- N Female Connector 2
- 50 Ohm
- Tee Body Geometry

Features

- Max VSWR of 2:1 up to 100 MHz
- Type N interface compliant with MIL-STD-348A
- 70 μ-in minimum contact plating
- Silver Plated Beryllium Copper Contact
- N Interface compliant with MIL-STD-348A
- Silver Plated Beryllium Copper Contact
- 70 μ-in min Silver Contact Plating

Applications

- General Purpose Test
- General Purpose Test

Description

Pasternack's PE9101 type N Tee adapter female-female-female is part of our full line of RF components available for same-day shipping. Our type N tee adapter has a female-female-female gender configuration. Our type N tee connector operates to 100 MHz. The Pasternack RF adapter provides good VSWR of 2:1 maximum. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports. Pasternack's PE9101 type N female to type N female tee adapter is part of our full line of RF components available for same-day shipping. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports.

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		100	MHz
VSWR			2:1	
Operating Voltage (AC)			1,000	Vrms
Input Power (CW)			1	KWatts

Mechanical Specifications

Size	
Length	1.575 in [40.01 mm]
Width	0.63 in [16 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Tee Adapter Female-Female-Female PE9101](#)



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Height 1.268 in [32.21 mm]
Weight 0.143 lbs [64.86 g]

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

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		N Female	
Contact	Beryllium Copper	Silver 70 μ-in minimum	Beryllium Copper	Silver 70 μ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100 μ-in minimum	Brass	Nickel 100 μ-in 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 Tee Adapter Female-Female-Female from Pasternack 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.

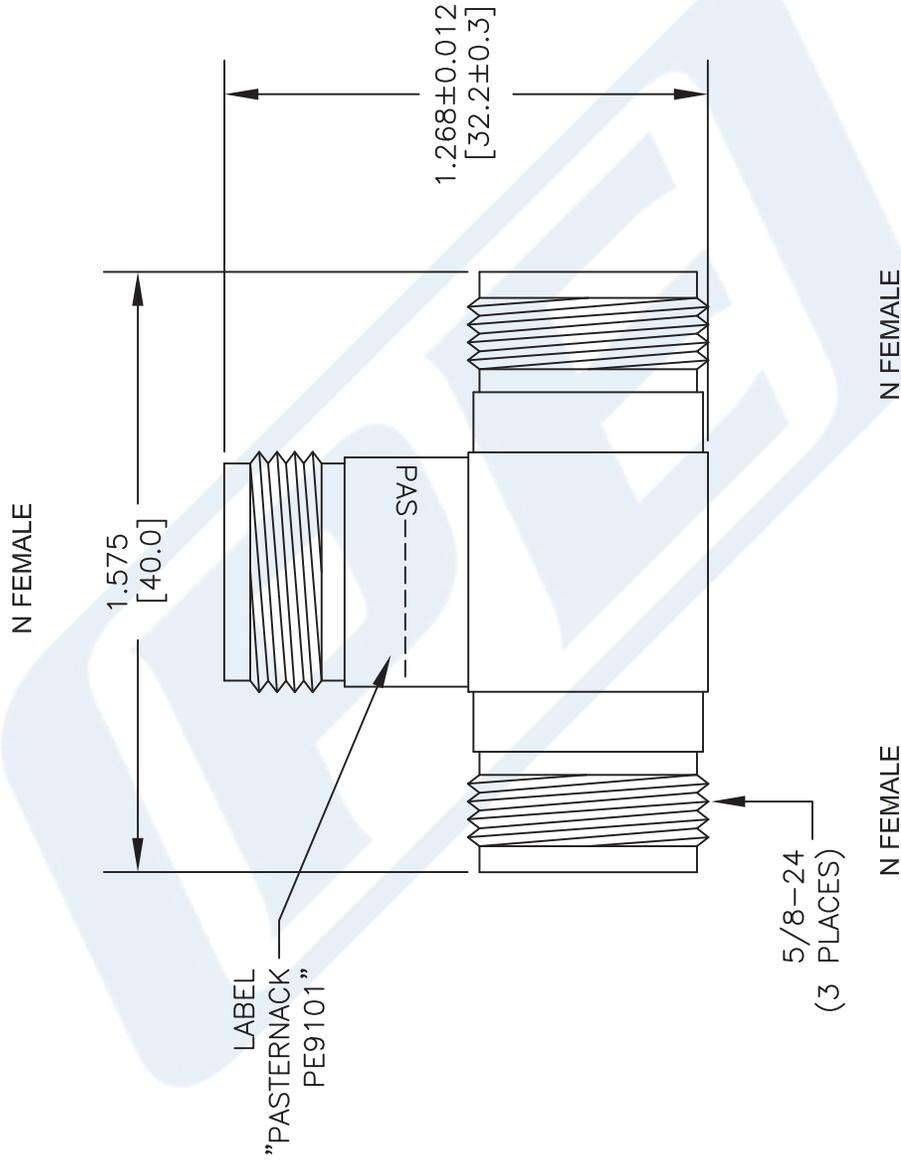
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Tee Adapter Female-Female-Female PE9101](#)

URL: <https://www.pasternack.com/n-female-female-female-tee-adapter-pe9101-p.aspx>

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.

PE9101 CAD Drawing

N Tee Adapter Female-Female-Female



STANDARD TOLERANCES

.X ±0.2
 .XX ±0.1
 .XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE9101

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 021216

SCALE N/A

SIZE A

3045