



N Male to RP N Female Adapter

RF Adapters Technical Data Sheet

PE9771

Configuration

- N Male Connector 1
- N Female Reverse Polarity Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Gold Plated Contact

Applications

- General Purpose Test

Description

Pasternack's PE9771 type N male to RP type N female adapter is part of our full line of RF components available for same-day shipping. Our type N to reverse polarity type N adapter has a male to female gender configuration. PE9771 type N male to reverse polarity type N female adapter operates to 11 GHz.

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		11	GHz

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

Mechanical Specifications

Size

Length	1.738 in [44.15 mm]
Width	0.828 in [21.03 mm]
Weight	0.137 lbs [62.14 g]

Description	Connector 1	Connector 2
Type	N Male	N Female
Polarity	Standard	Reverse Polarity

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to RP N Female Adapter PE9771](#)



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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Male		N Female Reverse Polarity	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Tri-Metal
Body	Brass	Nickel		

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

N Male to RP N Female 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.

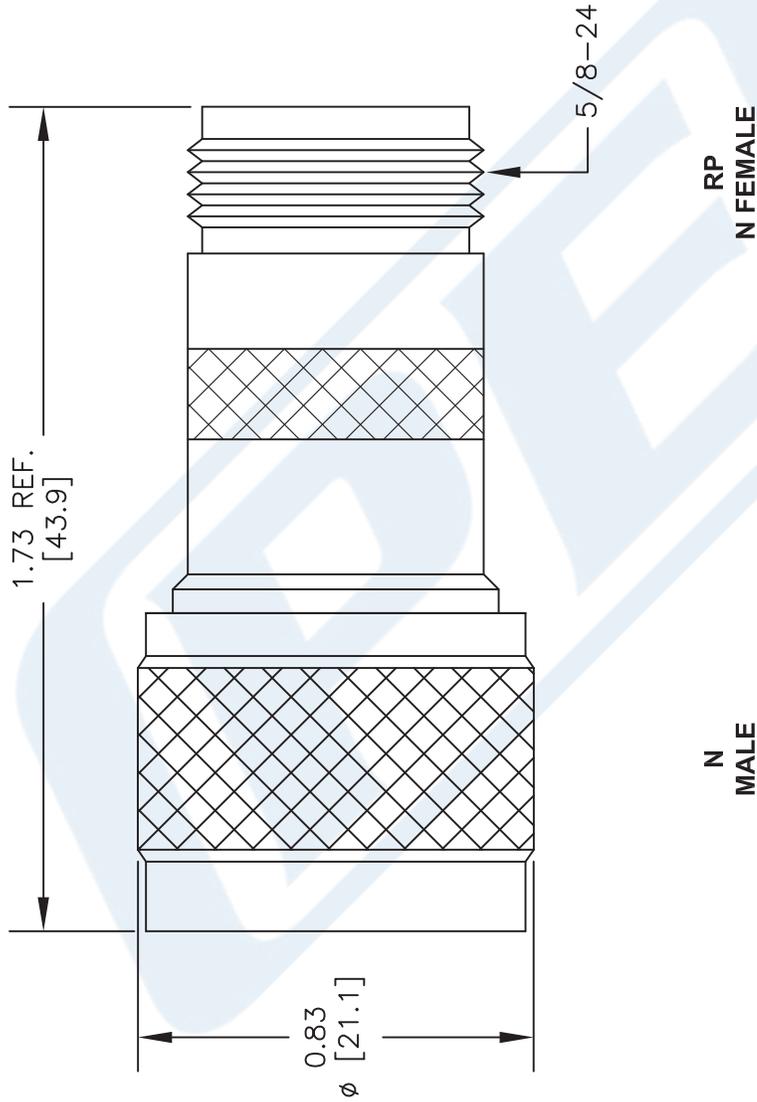
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to RP N Female Adapter PE9771](#)

URL: <https://www.pasternack.com/n-male-n-female-straight-adapter-pe9771-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.

PE9771 CAD Drawing

N Male to RP N Female Adapter



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	PE9771		
FSCM NO.	53919	CAD FILE	110614
SCALE	N/A	SIZE	A
			2233

PE PASTERNAK
 THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com