PASTERNACK®
THE ENGINEER'S RF SOURCE

Push-On N Male to N Female Adapter

RF Adapters Technical Data Sheet

PE91114

Configuration

- Push-On N Male Connector 1
- N Female Connector 2
- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.22:1 up to 18 GHz
- 0.3 µm minimum contact plating
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test

Description

Pasternack's PE91114 push-on type N male to type N female adapter is part of our full line of RF components available for same-day shipping. Our type N to type N adapter has a male to female gender configuration. PE91114 type N male to type N female adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.22:1 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. 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		18	GHz
VSWR			1.22:1	
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 5	5 to 18				GHz
VSWR, Max	1.07:1	1.22:1				

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Push-On N Male to N Female Adapter PE91114

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

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Mechanical Specifications

Size

Length	1.33 in [33.78 mm]
Width	0.79 in [20.07 mm]
Weight	0.082 lbs [37.19 g]

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

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	Push-On N Male		N Female	
Contact	Beryllium Copper	Gold 0.3 µm minimum	Beryllium Copper	Gold 0.3 µm minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Tri-Metal 3 µm minimum
Body	Brass	Tri-Metal 3 µm minimum		
Coupling Nut	Brass	Tri-Metal 3 µm minimum		

Environmental Specifications

Temperature

Operating Range	-55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Push-On N Male to 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.

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URL: https://www.pasternack.com/n-male-n-female-straight-adapter-pe91114-p.aspx

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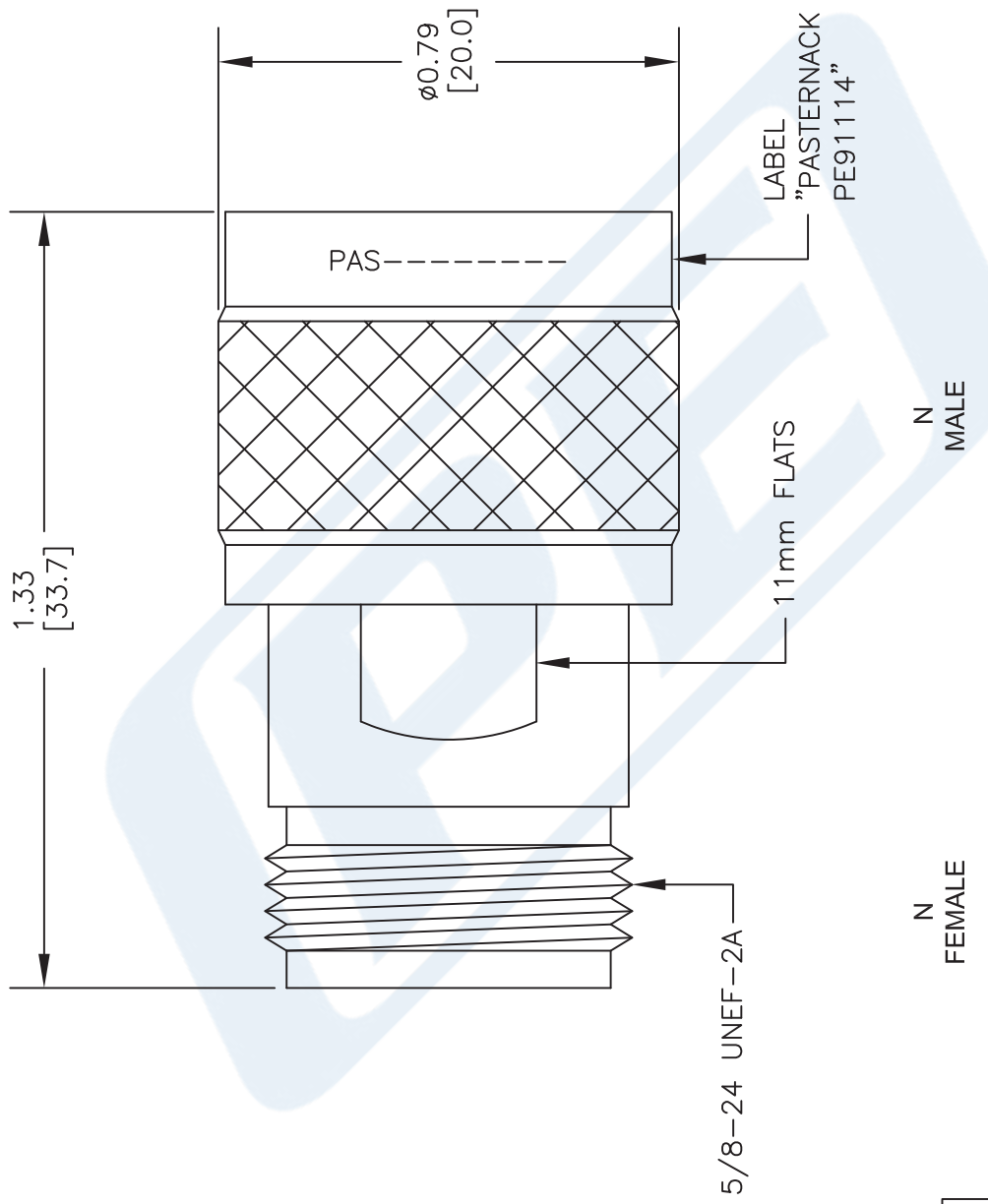
PE91114 CAD Drawing

Push-On N Male to N Female 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 **PE91114**

CAD FILE 082616 | SCALE N/A | SIZE A | 41742

FSCM NO. 53919

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