

ARTISAN®
TECHNOLOGY GROUP

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PASTERNACK®
THE ENGINEER'S RF SOURCE



N Male to BNC Female Adapter

RF Adapters Technical Data Sheet

PE9002

Configuration

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

Features

- Max VSWR of 1.3:1 up to 2 GHz
- N and BNC 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

Pasternack's PE9002 type N male to BNC female adapter is part of our full line of RF components available for same-day shipping. Our type N to BNC adapter has a male to female gender configuration. PE9002 type N male to BNC female adapter operates to 2 GHz. The Pasternack 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. 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		2	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.272 in [32.31 mm]
Width	0.787 in [19.99 mm]
Weight	0.07 lbs [31.75 g]

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

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 BNC Female Adapter PE9002

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	N Male		BNC Female	
Contact	Brass	Gold 30µ in. minimum	Brass	Gold 30µ in. minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel 100µ in. minimum
Body	Brass	Nickel 100µ in. minimum		
Gasket	Silicone			
Coupling Nut	Brass	Nickel 100µ 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:

N Male to BNC 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 BNC Female Adapter PE9002

URL: https://www.pasternack.com/n-male-bnc-female-straight-adapter-pe9002-p.aspx

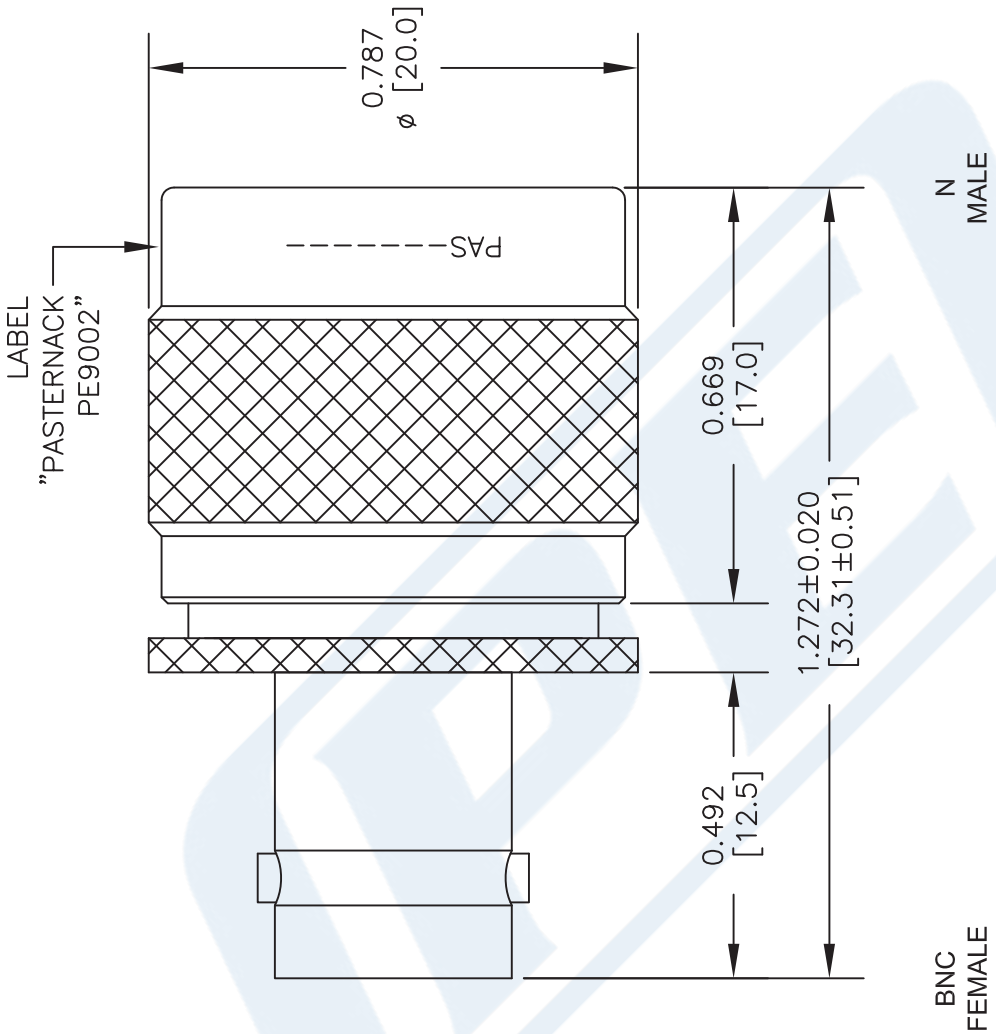
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PE9002 CAD Drawing

N Male to BNC 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 **PE9002**

CAD FILE 071416 | SCALE N/A | SIZE A | 2233

FSCM NO. 53919

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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