



Precision N Female to BNC Male Adapter

RF Adapters Technical Data Sheet

PE9490

Configuration

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

Features

- Max VSWR of 1.2:1 up to 8 GHz
- N Interface compliant with MIL-STD-348
- BNC Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

Description

Pasternack's PE9490 precision type N female to BNC male adapter is part of our full line of RF components available for same-day shipping. Our type N to BNC adapter has a female to male gender configuration in a precision design. PE9490 type N female to BNC male adapter operates to 8 GHz. The Pasternack RF adapter provides excellent VSWR of 1.2:1 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		8	GHz
VSWR			1.2:1	

Mechanical Specifications

Size

Length	1.965 in [49.91 mm]
Width	0.625 in [15.88 mm]
Weight	0.108 lbs [48.99 g]

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision N Female to BNC Male Adapter PE9490](#)



Precision N Female to BNC Male Adapter

RF Adapters Technical Data Sheet

PE9490

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		BNC Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Outer Conductor	Passivated Stainless Steel			
Body			Brass	Nickel
Coupling Nut			Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

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

Plotted and Other Data

Notes:

Precision N Female to BNC Male 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.

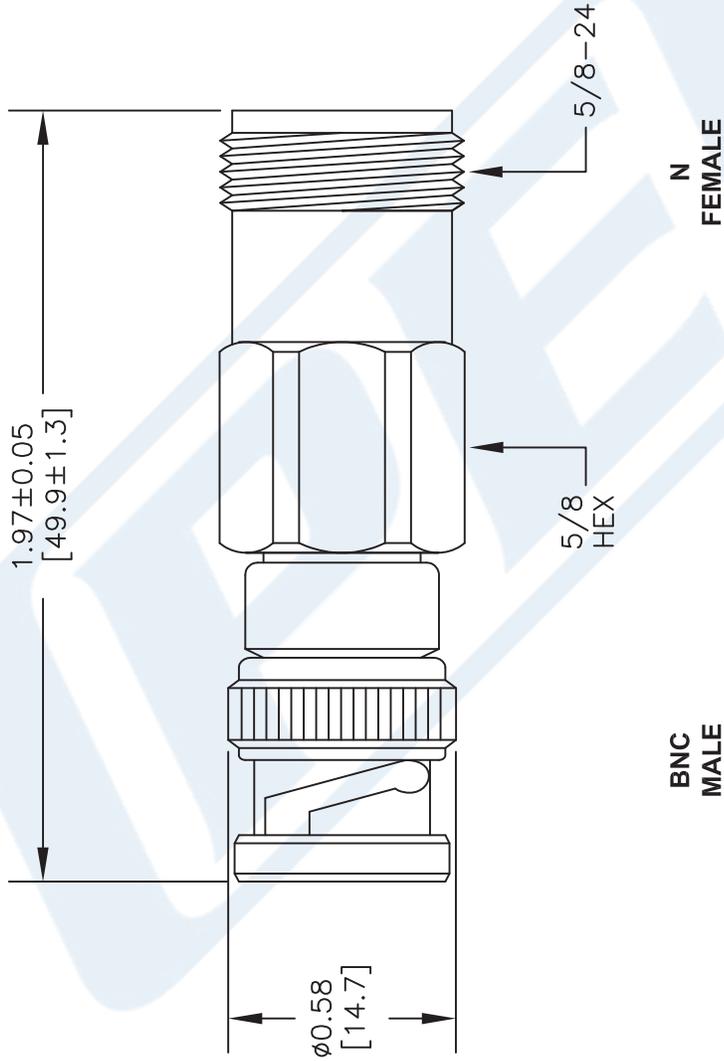
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision N Female to BNC Male Adapter PE9490](#)

URL: <https://www.pasternack.com/n-female-bnc-male-straight-adapter-pe9490-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.

PE9490 CAD Drawing

Precision N Female to BNC Male Adapter



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

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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

DWG TITLE

PE9490

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 012016

SCALE N/A

SIZE A

150