



N Female to BNC Male Right Angle Adapter

RF Adapters Technical Data Sheet

PE9566

Configuration

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

Features

- Typical VSWR of 1.3:1 up to 4 GHz
- N Interface compliant with MIL-STD-348A
- 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 PE9566 type N female to BNC male right angle 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. PE9566 type N female to BNC male adapter operates to 4 GHz. This low profile right angle type N to BNC adapter allows for easier connections in tight spaces.

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 | | 4 | GHz |
| VSWR | | 1.3:1 | | |

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

Mechanical Specifications

| | |
|-------------|---------------------|
| Size | |
| Length | 1.264 in [32.11 mm] |
| Width | 0.625 in [15.88 mm] |
| Height | 1.22 in [30.99 mm] |
| Weight | 0.105 lbs [47.63 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to BNC Male Right Angle Adapter PE9566](#)



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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to BNC Male Right Angle Adapter PE9566](#)

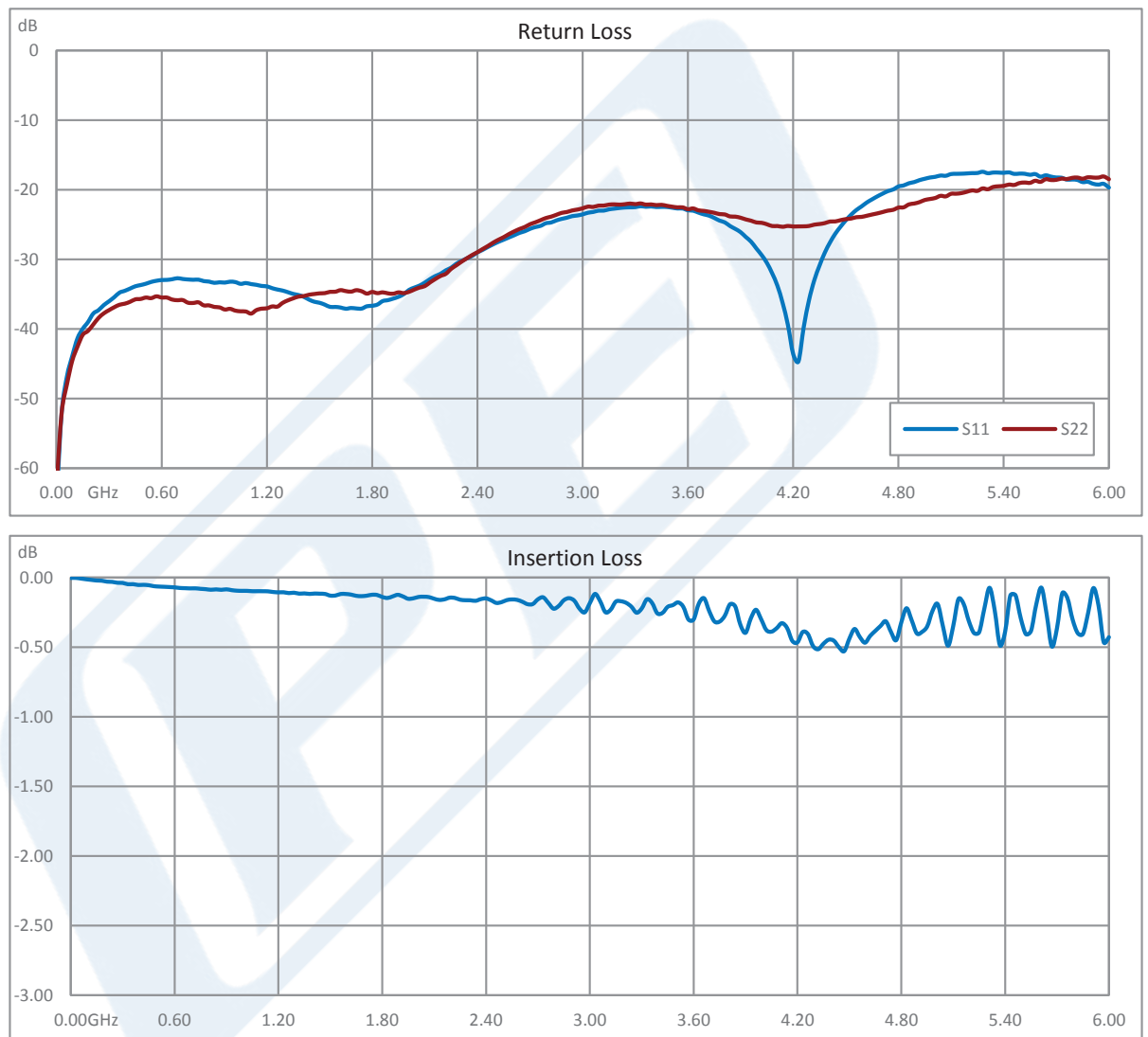


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Typical Performance Data



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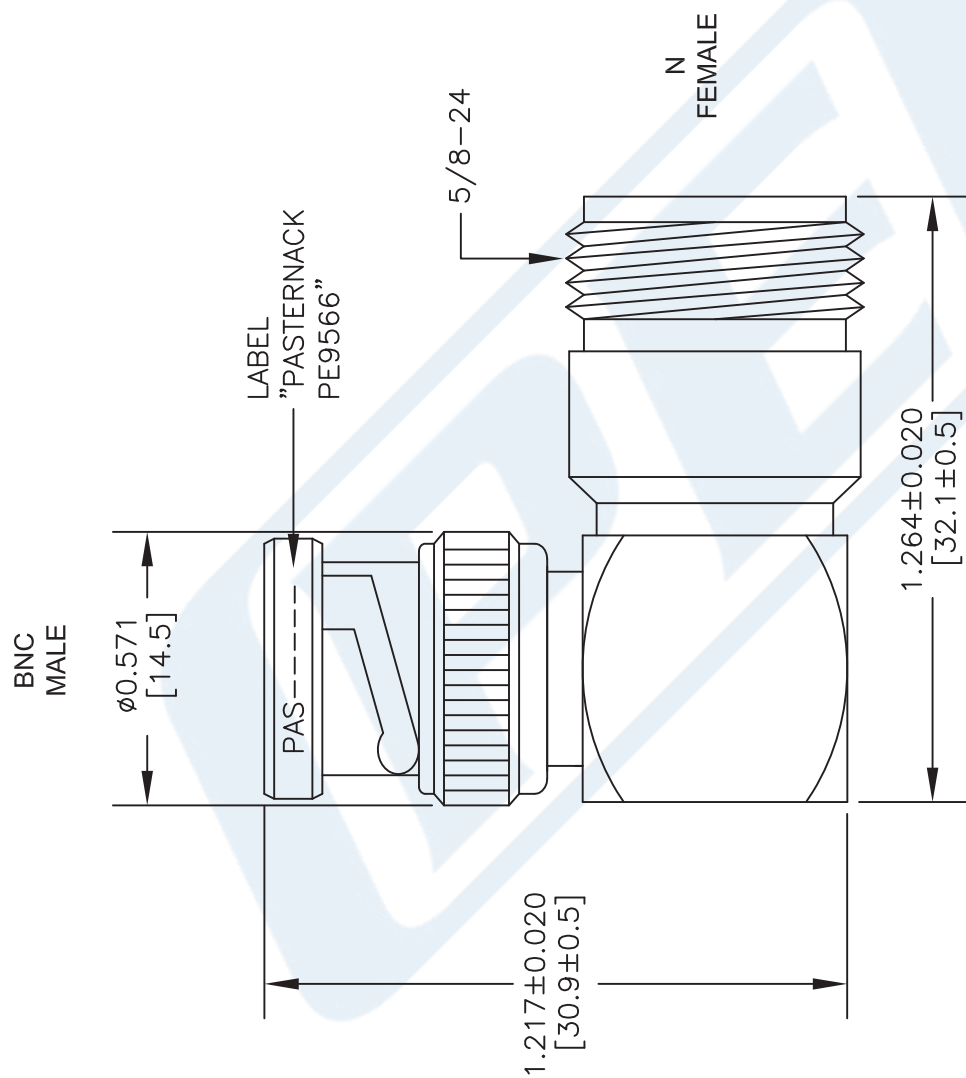
N Female to BNC Male Right Angle Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to BNC Male Right Angle Adapter PE9566](https://www.pasternack.com/n-female-bnc-male-right-angle-adapter-pe9566-p.aspx)

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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.

PE9566 CAD Drawing
N Female to BNC Male Right Angle Adapter



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

PE9566

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 021916

SCALE N/A

SIZE A

3045