



Bulkhead Mount Isolated Ground 75 Ohm BNC Female to 75 Ohm BNC Female Adapter

RF Adapters Technical Data Sheet

PE9791

Configuration

- BNC Female Connector 1
- BNC Female Connector 2
- 75 Ohm
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Max VSWR of 1.5:1 up to 500 MHz
- Isolated Ground
- 30 µ-in minimum contact plating
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Rack Mounted Equipment
- CATV

Description

Pasternack's PE9791 bulkhead isolated ground 75 ohm BNC female to BNC female adapter is part of our full line of RF components available for same-day shipping. Our BNC to BNC adapter has a female to female gender configuration. PE9791 BNC female to BNC female adapter operates to 500 MHz. The Pasternack RF adapter provides good VSWR of 1.5:1 maximum. This RF BNC bulkhead to BNC adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		500	MHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.28 in [32.51 mm]
Width	0.61 in [15.49 mm]
Weight	0.029 lbs [13.15 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Bulkhead Mount Isolated Ground 75 Ohm BNC Female to 75 Ohm BNC Female Adapter PE9791](#)



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Description	Connector 1	Connector 2
Type	BNC Female	BNC Female
Polarity	Standard	Standard
Connector Option	Isolated Ground	Isolated Ground

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Female		BNC Female	
Contact	Brass	Gold 30 μ-in minimum	Brass	Gold 30 μ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100 μ-in minimum	Brass	Nickel 100 μ-in minimum
Washer	Steel	Nickel		
Coupling Nut	Brass	Nickel		

Environmental Specifications

Temperature

Operating Range

-40 to +60 °C

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

Plotted and Other Data

Notes:

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Bulkhead Mount Isolated Ground 75 Ohm BNC Female to 75 Ohm BNC Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [Bulkhead Mount Isolated Ground 75 Ohm BNC Female to 75 Ohm BNC Female Adapter PE9791](https://www.pasternack.com/bnc-female-bnc-female-straight-adapter-pe9791-p.aspx)

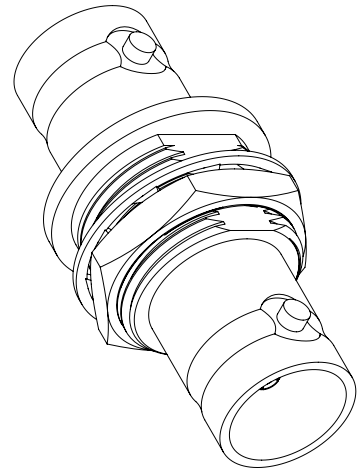
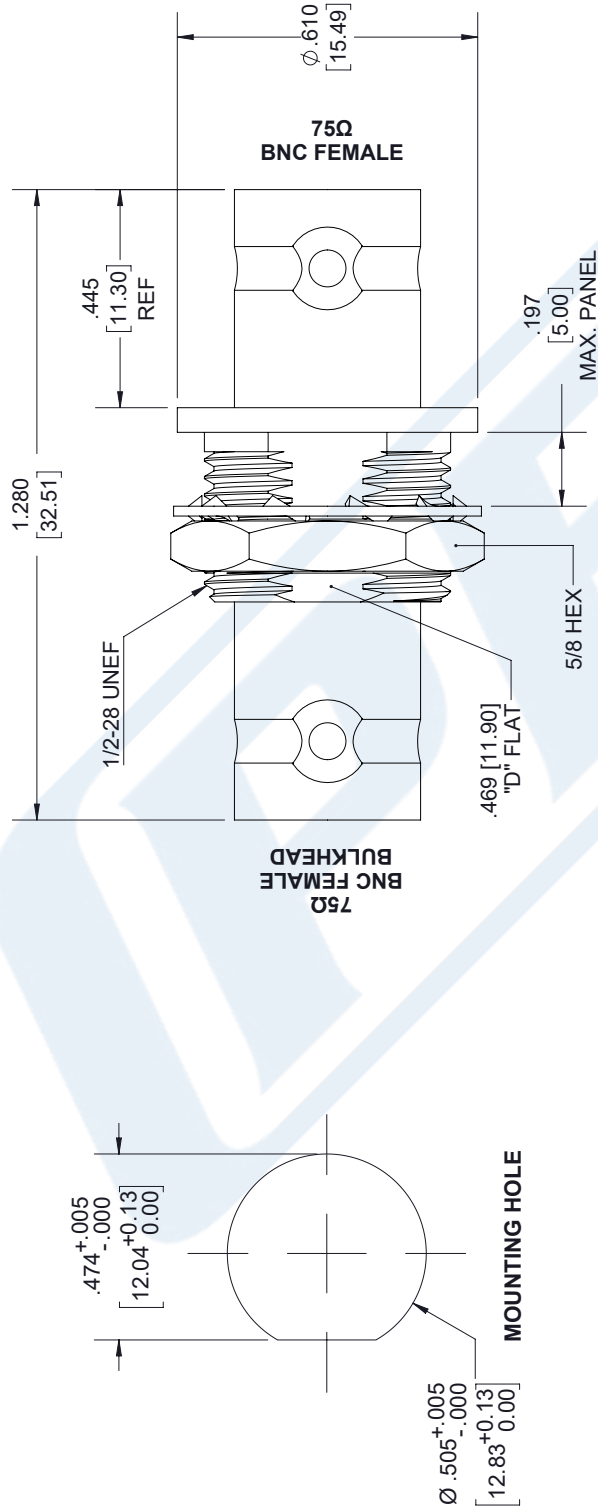
URL: <https://www.pasternack.com/bnc-female-bnc-female-straight-adapter-pe9791-p.aspx>

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.

PE9791 CAD Drawing

Bulkhead Mount Isolated Ground 75 Ohm BNC Female to 75 Ohm BNC Female Adapter

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/29/2020	S.ELLIS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ± .2 [5.08] FRACTIONS
.XX = ± .02 [.51] ± 1/32
.XXX = ± .005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5% L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

PE PASTERNAK
an INFINITI brand

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SHEET 1 OF 1

SCALE N/A

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