PASTERNACK®
THE ENGINEER'S RF SOURCE

BNC Female to BNC Female Adapter

RF Adapters Technical Data Sheet

PE9084

Configuration

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

Features

- Max VSWR of 1.3:1 up to 4 GHz
- Gold Plated Brass Contact
- 30 µ-in min. Gold Contact Plating

Applications

- General Purpose Test

Description

Pasternack's PE9084 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. PE9084 BNC female to BNC female adapter operates to 4 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		4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.28 in [32.51 mm]
Width	0.472 in [11.99 mm]
Height	0.472 in [11.99 mm]
Weight	0.029 lbs [13.15 g]

Description	Connector 1	Connector 2
Type	BNC Female	BNC Female
Polarity	Standard	Standard

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BNC Female to BNC Female Adapter PE9084

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

BNC Female to BNC Female Adapter

Material Specifications

	Connector 1		Connector 2	
Description	**Material**	**Plating**	**Material**	**Plating**
Type	BNC Female		BNC Female	
Contact	Brass	Gold 30µ in. minimum	Brass	Gold 30µ in. minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100µ in. minimum	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:

BNC Female 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: BNC Female to BNC Female Adapter PE9084

URL: https://www.pasternack.com/bnc-female-bnc-female-straight-adapter-pe9084-p.aspx

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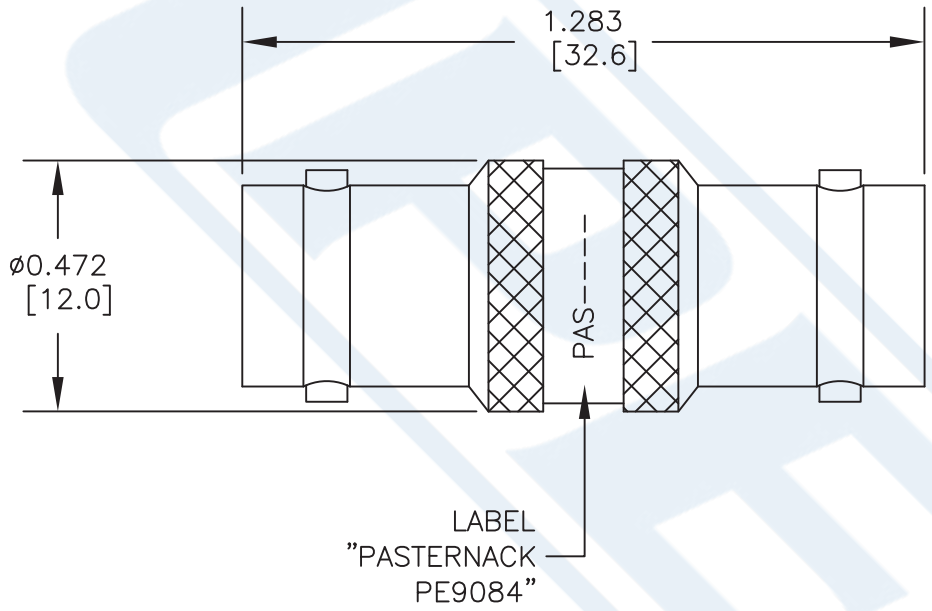
PE9084 CAD Drawing

BNC Female to BNC Female Adapter



BNC FEMALE

BNC FEMALE

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

PE9084

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 020816	SCALE N/A	SIZE A	3045