

SMA Female to BNC Male Adapter



RF Adapters Technical Data Sheet

PE9494

Configuration

- SMA Female Connector 1
- BNC Male Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.25:1 up to 8 GHz
- SMA interface compliant with MIL-C-39012
- BNC interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact

Applications

Allows Connection Between Series

General Purpose Test

Description

Pasternack's PE9494 SMA female to BNC male adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to BNC adapter has a female to male gender configuration. PE9494 SMA female to BNC male adapter operates to 8 GHz. The Pasternack RF adapter provides excellent VSWR of 1.25:1 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			1.25:1	

Mechanical Specifications

Size

 Length
 1.39 in [35.31 mm]

 Width
 0.57 in [14.48 mm]

 Weight
 0.046 lbs [20.87 g]

Description	Connector 1	Connector 2	
Туре	SMA Female	BNC Male	
Polarity	Standard	Standard	
Interface Specification	MIL-C-39012	MIL-C-39012	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to BNC Male Adapter PE9494

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



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Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		BNC Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Outer Conductor Pa	assivated Stainless Steel			
Body			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:

Typical Performance Data



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SMA 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.

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URL: https://www.pasternack.com/sma-female-bnc-male-straight-adapter-pe9494-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.

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PE9494 CAD Drawing

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