



75 Ohm Mini SMB Plug to BNC Female Adapter

RF Adapters Technical Data Sheet

PE9617

Configuration

- Mini SMB Plug Connector 1
- BNC Female Connector 2
- 75 Ohms
- Straight Body Geometry

Features

- Mini SMB Interface compliant with MIL-STD-348
- BNC Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE9617 75 ohm Mini SMB plug to BNC female adapter is part of our full line of RF components available for same-day shipping. Our Mini SMB to BNC adapter has a plug to female gender configuration.

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.

Mechanical Specifications

Size

Length	1.26 in [32 mm]
Width	0.445 in [11.3 mm]
Weight	0.027 lbs [12.25 g]

Description	Connector 1	Connector 2
Type	Mini SMB Plug	BNC Female
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: [75 Ohm Mini SMB Plug to BNC Female Adapter PE9617](#)



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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Mini SMB Plug		BNC Female	
Contact		Gold MIL-G-45204		Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel QQ-N-290
Body	Brass	Nickel QQ-N-290		
Coupling Nut	Brass	Nickel QQ-N-290		

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

75 Ohm Mini SMB Plug 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.

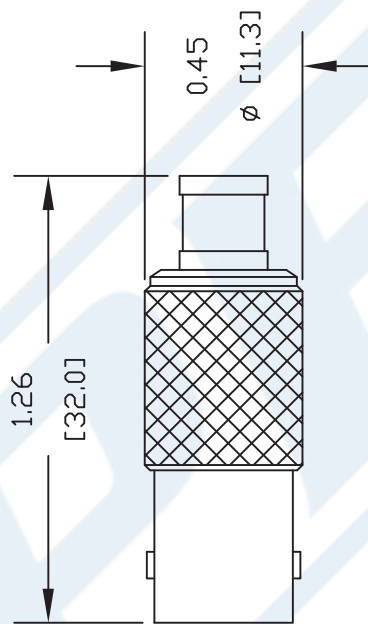
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Mini SMB Plug to BNC Female Adapter PE9617](#)

URL: <https://www.pasternack.com/mini-smb-plug-bnc-female-straight-adapter-pe9617-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.

PE9617 CAD Drawing

75 Ohm Mini SMB Plug to BNC Female Adapter



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].

DWG TITLE
PE9617

127

SIZE A

SCALE N/A

CAD FILE 100302

FSCM NO. 53919

REV. -

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