



50 Ohm BNC Male to 75 Ohm RCA Jack Push-On Adapter

RF Adapters Technical Data Sheet

PE9171

Configuration

- BNC Male Connector 1
- Push-On RCA Jack Connector 2
- 50 Ohms, 75 Ohms
- Straight Body Geometry

Features

- Gold Plated Brass Contact
- 30µ in min Gold Contact Plating

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE9171 50 ohm BNC male to 75 ohm RCA jack push-on adapter is part of our full line of RF components available for same-day shipping. Our BNC to RCA adapter has a male to jack gender configuration. PE9171 BNC male to RCA jack adapter operates to 250 MHz.

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		250	MHz

Mechanical Specifications

Size	
Length	1.024 in [26.01 mm]
Width	0.571 in [14.5 mm]
Weight	0.03 lbs [13.61 g]

Description	Connector 1	Connector 2
Type	BNC Male	RCA Jack
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: [50 Ohm BNC Male to 75 Ohm RCA Jack Push-On Adapter PE9171](#)



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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Male		Push-On RCA Jack	
Contact	Brass	Gold 30μ in. minimum	Brass	Gold 30μ in. minimum
Insulation	POM		POM	
Outer Conductor			Brass	Nickel 100μ in. minimum
Body	Brass	Nickel 100μ in. minimum	Brass	Nickel 100μ in. minimum
Gasket	Silicone			
Coupling Nut	Brass	Nickel 100μ in. minimum		

Environmental Specifications

Temperature

Operating Range -40 to +60 deg C

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

Plotted and Other Data

Notes:

50 Ohm BNC Male to 75 Ohm RCA Jack Push-On 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.

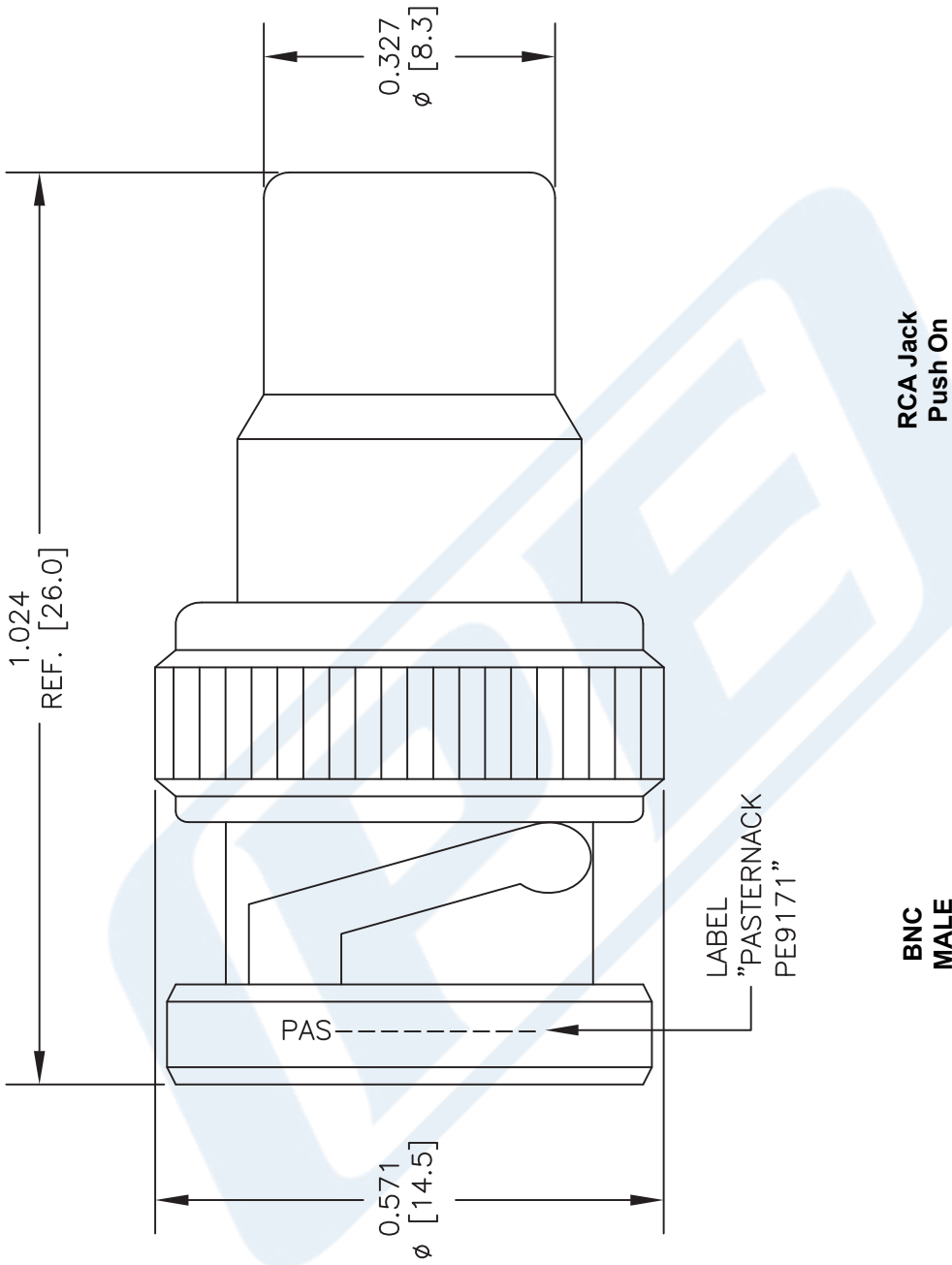
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm BNC Male to 75 Ohm RCA Jack Push-On Adapter PE9171](#)

URL: <https://www.pasternack.com/rca-jack-bnc-male-straight-adapter-pe9171-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.

PE9171 CAD Drawing

50 Ohm BNC Male to 75 Ohm RCA Jack Push-On 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

PE9171

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 081516

SCALE N/A

SIZE A

3045