

75 Ohm N Male to 75 Ohm Mini SMB Jack Adapter



PE9614

Configuration

- N Male Connector 1
- Mini SMB Jack Connector 2
- 75 Ohm
- Straight Body Geometry

Features

- Type N interface compliant with MIL-STD-348A
- Mini SMB interface compliant with MIL-STD-348A
- Contact plating according to MIL-G-45204
- Gold Plated Brass Contact
- N Interface compliant with MIL-STD-348
- Mini SMB Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

Applications

- Allows Connection Between Series
- General Purpose Test
- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE9614 75 ohm type N male to Mini SMB jack adapter is part of our full line of RF components available for same-day shipping. Our type N to Mini SMB adapter has a male to jack gender configuration. PE9614 type N male to Mini SMB jack adapter operates to 2 GHz.

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		2	GHz
Impedance		75 Ohm		
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	1,000			MOhms

Mechanical Specifications

Size

Length	1.30 in [33.02 mm]
Width	0.80 in [20.32 mm]
Height	0.80 in [20.32 mm]
Weight	0.07 lbs [30.84 g]

Description	Connector 1	Connector 2
Type	N Male	Mini SMB Jack
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A

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Description	Connector 1	Connector 2
Mating Cycles, Min	500	500

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Male		Mini SMB Jack	
Contact	Brass	Gold MIL-G-45204	Brass	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel QQ-N-290
Body	Brass	Nickel QQ-N-290		
Gasket	Silicone			
Coupling Nut	Brass	Nickel QQ-N-290		

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

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

Plotted and Other Data

75 Ohm N Male to 75 Ohm Mini SMB Jack 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.

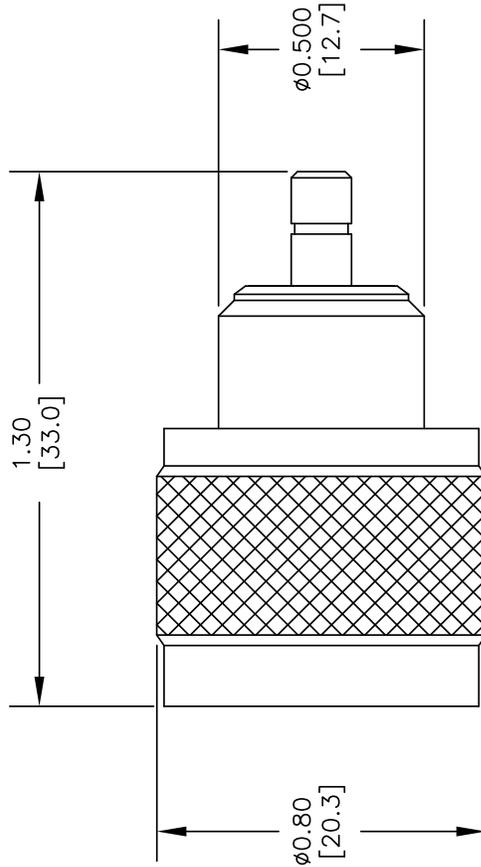
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Male to 75 Ohm Mini SMB Jack Adapter PE9614](#)

URL: <https://www.pasternack.com/n-male-mini-smb-jack-straight-adapter-pe9614-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE9614 CAD Drawing

75 Ohm N Male to 75 Ohm Mini SMB Jack Adapter



75 Ohm
MINI SMB JACK

75 Ohm
N MALE

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

PE9614

FSCM NO. 53919

CAD FILE 110816

SCALE N/A

SIZE A

41742

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].