



75 Ohm N Female to SMC Jack Adapter

RF Adapters Technical Data Sheet

PE9587

Configuration

- N Female Connector 1
- SMC Jack Connector 2
- 75 Ohms
- Straight Body Geometry

Features

- N interface compliant with MIL-STD-348
- SMC interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Contact

Applications

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

Description

Pasternack's PE9587 75 ohm type N female to SMC jack adapter is part of our full line of RF components available for same-day shipping. Our type N to SMC adapter has a female to jack 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	1.39 in [35.31 mm]
Width	0.625 in [15.88 mm]
Weight	0.065 lbs [29.48 g]

Description	Connector 1	Connector 2
Type	N Female	SMC Jack
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 N Female to SMC Jack Adapter PE9587](#)



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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		SMC Jack	
Contact		Gold MIL-G-45204		Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel QQ-N-290	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:

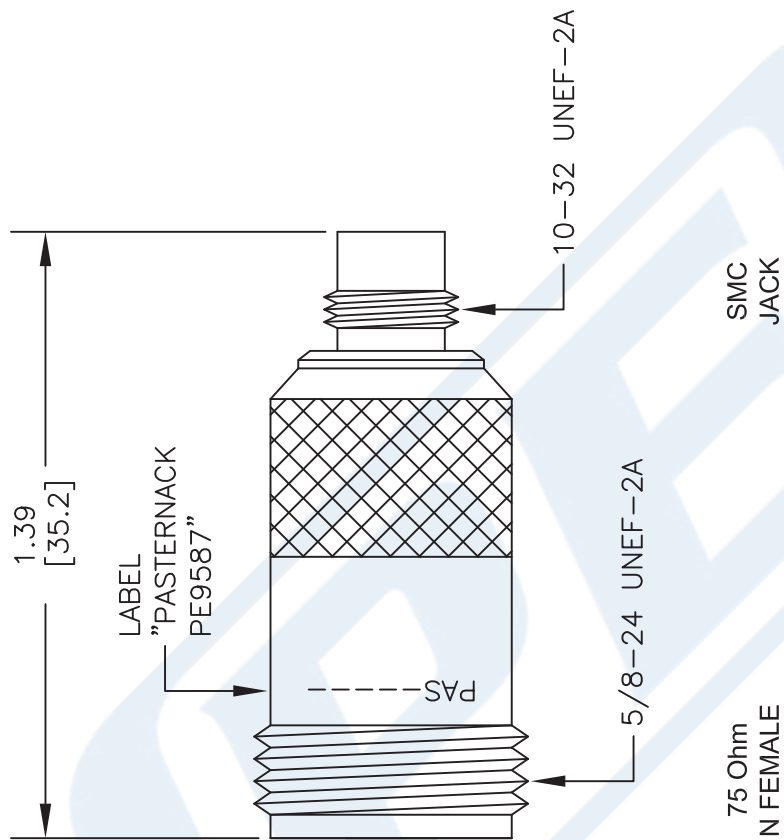
75 Ohm N Female to SMC Jack Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Female to SMC Jack Adapter PE9587](#)

URL: <https://www.pasternack.com/n-female-smc-jack-straight-adapter-pe9587-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.

PE9587 CAD Drawing
75 Ohm N Female to SMC Jack 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

PE9587

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].

CAGE CODE 53919

CAD FILE 092016

SCALE N/A

SIZE A

2233