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TECHNOLOGY GROUP

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PASTERNACK®
THE ENGINEER'S RF SOURCE

Precision SMA Female to N Female Adapter



RF Adapters Technical Data Sheet

PE9432

Configuration

- SMA Female Connector 1
- N Female Connector 2
- 50 Ohms
- Precision Design
- Straight Body Geometry

Features

- Max VSWR of 1.15:1 up to 18 GHz
- SMA Interface compliant with MIL-C-39012
- N Interface compliant with MIL-C-39012
- Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

Description

Pasternack's PE9432 precision SMA female to type N female 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 type N adapter has a female to female gender configuration in a precision design. PE9432 SMA female to type N female adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.15:1 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		18	GHz
VSWR			1.15:1	

Mechanical Specifications

Size

Length	1.5 in [38.1 mm]
Width	0.625 in [15.88 mm]
Weight	0.08 lbs [36.29 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision SMA Female to N Female Adapter PE9432

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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Description	Connector 1	Connector 2
Type	SMA Female	N Female
Polarity	Standard	Standard
Interface Specification	MIL-C-39012	MIL-C-39012

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	SMA Female		N Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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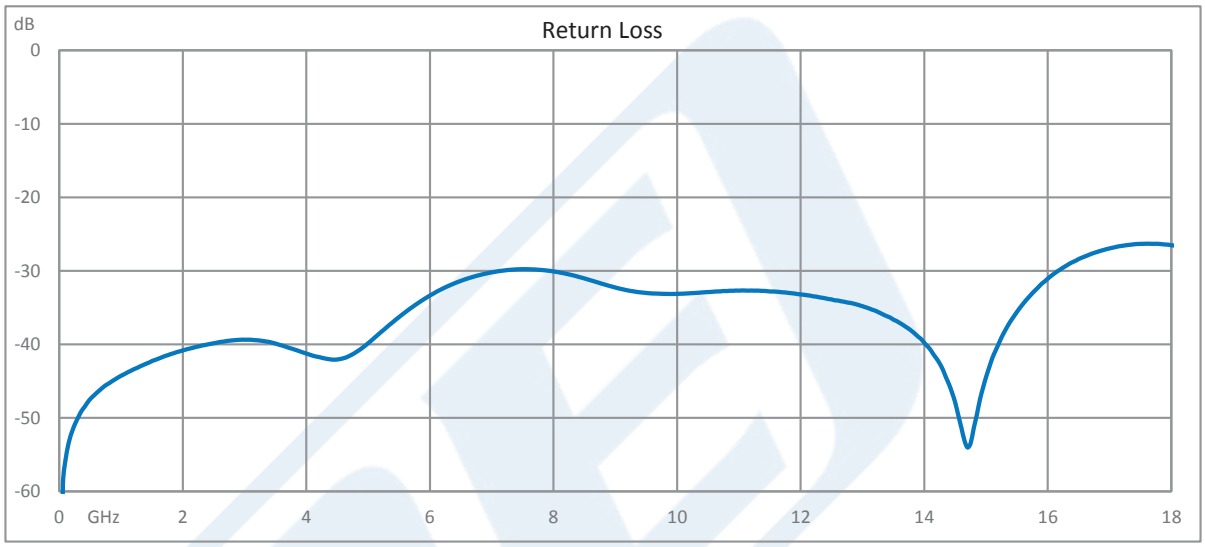
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Typical Performance Data



Precision SMA Female to N 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.

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URL: https://www.pasternack.com/sma-female-n-female-straight-adapter-pe9432-p.aspx

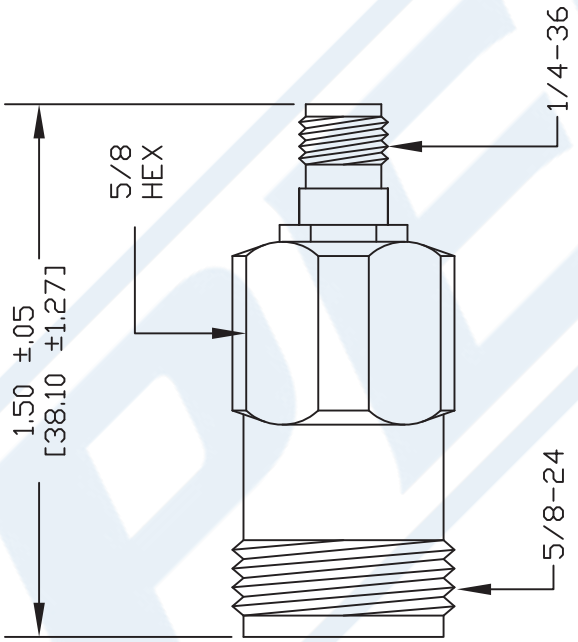
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PE9432 CAD Drawing

Precision SMA Female to N 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
PE9432

FSCM NO. 53919

CAD FILE 011216

SCALE N/A

SIZE A

150

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