



SMA Male to FME Jack Adapter

RF Adapters Technical Data Sheet

PE9707

Configuration

- SMA Male Connector 1
- FME Jack Connector 2
- 50 Ohms
- Straight Body Geometry

Features

- SMA Interface compliant with MIL-STD-348A
- FME Interface compliant with MIL-STD-348A
- Gold Plated Brass Contact
- 30 µ-in min Gold Contact Plating

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE9707 SMA male to FME jack 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 FME adapter has a male 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	0.96 in [24.38 mm]
Width	0.375 in [9.53 mm]
Weight	0.013 lbs [5.9 g]

Description	Connector 1	Connector 2
Type	SMA Male	FME Jack
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SMA Male		FME Jack	
Contact	Brass	Gold 30 µ-in minimum	Brass	Gold 30 µ-in minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to FME Jack Adapter PE9707](#)



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Insulation	PTFE		PTFE
Outer Conductor			Brass Nickel 100 μ-in minimum
Body	Brass	Nickel 100 μ-in minimum	
Gasket	Silicone		
Coupling Nut	Brass	Nickel 100 μ-in minimum	

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

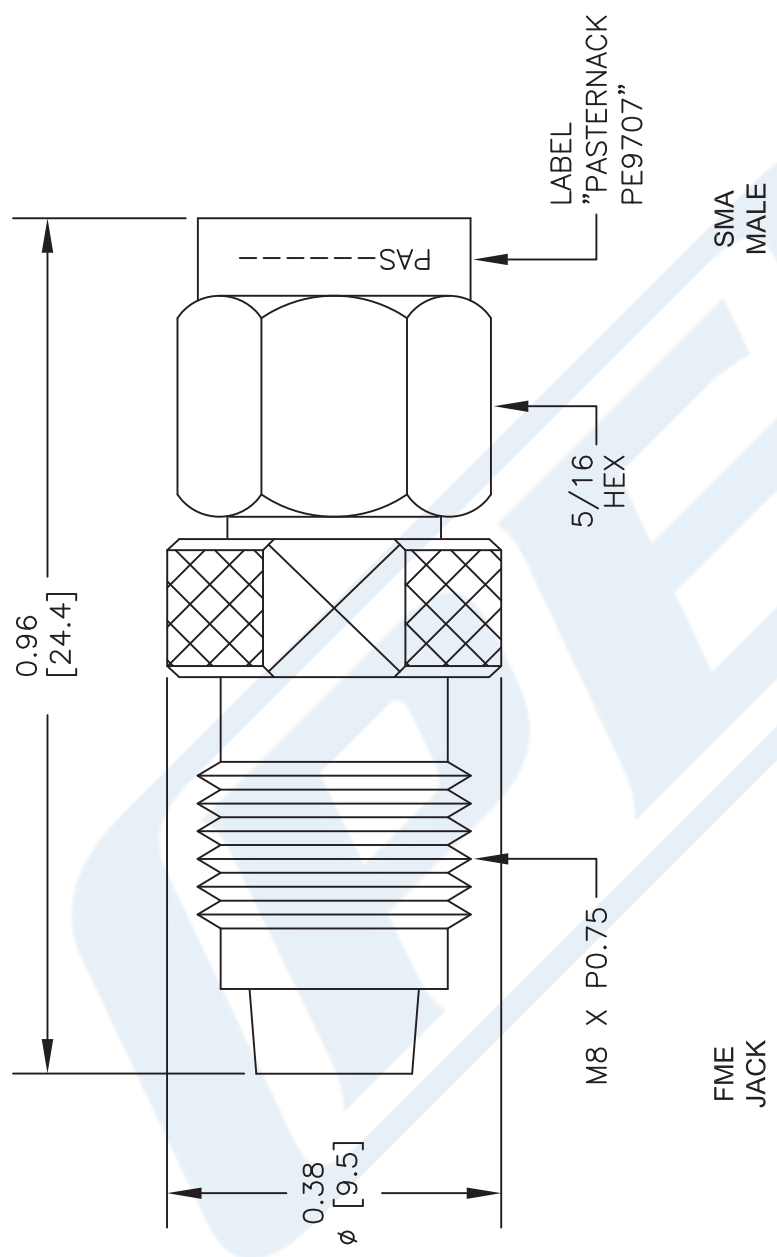
SMA Male to FME Jack Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to FME Jack Adapter PE9707](#)

URL: <https://www.pasternack.com/sma-male-fme-jack-straight-adapter-pe9707-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.

PE9707 CAD Drawing
SMA Male to FME Jack Adapter



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

**PASTERNAK®**
THE ENGINEER'S RF SOURCE
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DWG TITLE
PE9707

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 062016

SCALE N/A

SIZE A

2233