PASTERNACK®
THE ENGINEER'S RF SOURCE

SMC Jack to SMB Plug Adapter

RF Adapters Technical Data Sheet   PE9282

Configuration
- SMC Jack Connector 1
- SMB Plug Connector 2
- 50 Ohms
- Straight Body Geometry

Features
- SMC Interface compliant with MIL-STD-348
- SMB Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

Applications
- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE9282 SMC jack to SMB plug adapter is part of our full line of RF components available for same-day shipping. Our SMC to SMB adapter has a jack to plug 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	0.66 in [16.76 mm]
Width	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

Description	Connector 1	Connector 2
Type	SMC Jack	SMB Plug
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: SMC Jack to SMB Plug Adapter PE9282

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Material Specifications

| Description | Connector 1 | | Connector 2 | |
	Material	Plating	Material	Plating
Type	SMC Jack		SMB Plug	
Contact		Gold		Gold
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
		QQ-N-290		
Body			Brass	Nickel
				QQ-N-290
Coupling Nut			Brass	Nickel
				QQ-N-290

Environmental Specifications
Temperature
Operating Range   -65 to +165 deg C

Compliance Certifications (see product page for current document)
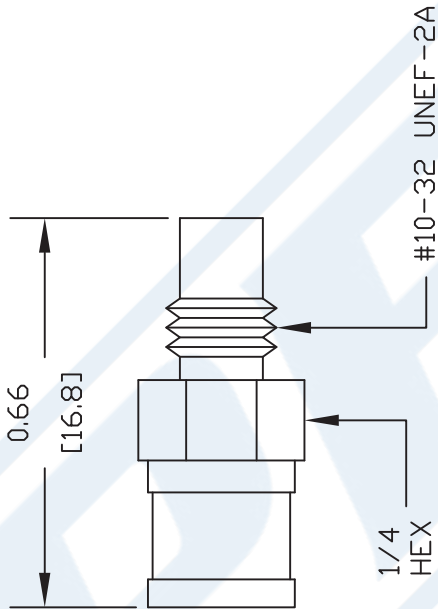
Plotted and Other Data
Notes:

SMC Jack to SMB Plug 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: SMC Jack to SMB Plug Adapter PE9282

URL: https://www.pasternack.com/smc-jack-smb-plug-straight-adapter-pe9282-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.

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#10-32 UNEF-2A

0.66 [16,8]

1/4 HEX

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].

				SIZE A	2231
			SCALE N/A		
		CAD FILE 100311			
DWG TITLE	FSCM NO. 53919				
PE9282					
REV. A					

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