PASTERNACK®
THE ENGINEER'S RF SOURCE

SMA Female to Reverse Thread SMA Male Adapter

RF Adapters Technical Data Sheet

PE9683

Configuration

- SMA Female Connector 1
- SMA Male Reverse Thread Connector 2
- 50 Ohms
- Straight Body Geometry

Features

- SMA Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

Applications

- General Purpose Test

Description

Pasternack's PE9683 SMA female to reverse thread SMA male 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 reverse thread SMA adapter has a female to male 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	0.708 in [17.98 mm]
Width	0.312 in [7.92 mm]
Weight	0.006 lbs [2.72 g]

Description	Connector 1	Connector 2
Type	SMA Female	SMA Male
Polarity	Standard	Reverse Thread
Interface Specification	MIL-STD-348	MIL-STD-348
Hex Size		5/16 in.
Mating Torque		3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to Reverse Thread SMA Male Adapter PE9683

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	SMA Female		SMA Male Reverse Thread	
Contact		Gold MIL-G-45204		Gold 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:

SMA Female to Reverse Thread SMA Male 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 Female to Reverse Thread SMA Male Adapter PE9683

URL: https://www.pasternack.com/sma-female-sma-male-straight-adapter-pe9683-p.aspx

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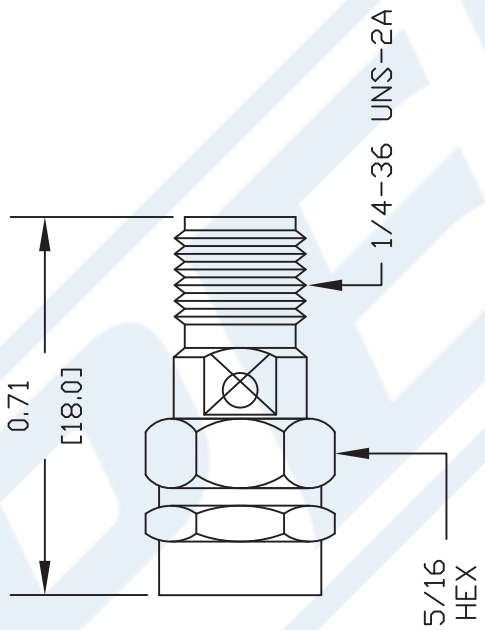
PE9683 CAD Drawing

SMA Female to Reverse Thread SMA Male 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 **PE9683**

REV. - | FSCM NO. 53919 | CAD FILE 121905 | SCALE N/A | SIZE A | 127

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