

## Precision 4 Hole Flange Mount SMA Female to 7mm Adapter

**PE9327**



### Configuration

- SMA Female Connector 1
- 7mm Sexless Connector 2
- 50 Ohms Impedance
- Precision Design
- Straight Body Geometry
- 4 Hole Flange Mount Method

### Features

- Max VSWR of 1.15:1 up to 18 GHz

### Applications

- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment
- Precision Test & Measurement

### Description

Pasternack's PE9327 4 hole flange SMA female to 7mm 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 7mm adapter has a female to sexless gender configuration built of durable stainless steel in a precision design. PE9327 SMA female to 7mm adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.15:1 maximum. This RF SMA 4 hole flange to 7mm adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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
Impedance		50		Ohms
VSWR			1.15:1	

### Mechanical Specifications

#### Size

Length	1.20 in [30.48 mm]
Width	1.00 in [25.40 mm]
Height	1.00 in [25.40 mm]
Weight	0.12 lbs [53.52 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SMA Female		7mm Sexless	
Contact	Phosphor Bronze	Gold	Beryllium Copper	Gold
Insulation	PPO		PTFE	
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Sleeve Material	Passivated Stainless Steel		Passivated Stainless Steel	

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

Precision 4 Hole Flange Mount SMA Female to 7mm Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [Precision 4 Hole Flange Mount SMA Female to 7mm Adapter PE9327](#)

URL: <https://www.pasternack.com/sma-female-7mm-sexless-straight-adapter-pe9327.html>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE9327 CAD Drawing

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