



## Push-On SMA Male to SMA Female Adapter

### RF Adapters Technical Data Sheet

PE91336

#### Configuration

- Push-On SMA Male Connector 1
- SMA Female Connector 2
- 50 Ohm
- Straight Body Geometry

#### Features

- Max VSWR of 1.5:1 up to 18 GHz
- Gold Plated Beryllium Copper Contact

#### Applications

- General Purpose Test

#### Description

Pasternack's PE91336 push-on SMA male to SMA 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 SMA adapter has a male to female gender configuration built of durable stainless steel. PE91336 SMA male to SMA female adapter operates to 18 GHz. The Pasternack RF adapter provides good VSWR of 1.5:1 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		1.35:1	1.5:1	

#### Mechanical Specifications

<b>Size</b>	
Length	0.72 in [18.29 mm]
Width	0.367 in [9.32 mm]
Weight	0.01 lbs [4.54 g]

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Mating Cycles	500	500

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Push-On SMA Male to SMA Female Adapter PE91336](#)



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#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Push-On SMA Male		SMA Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conductor			Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	

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

Push-On SMA Male to SMA Female 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.

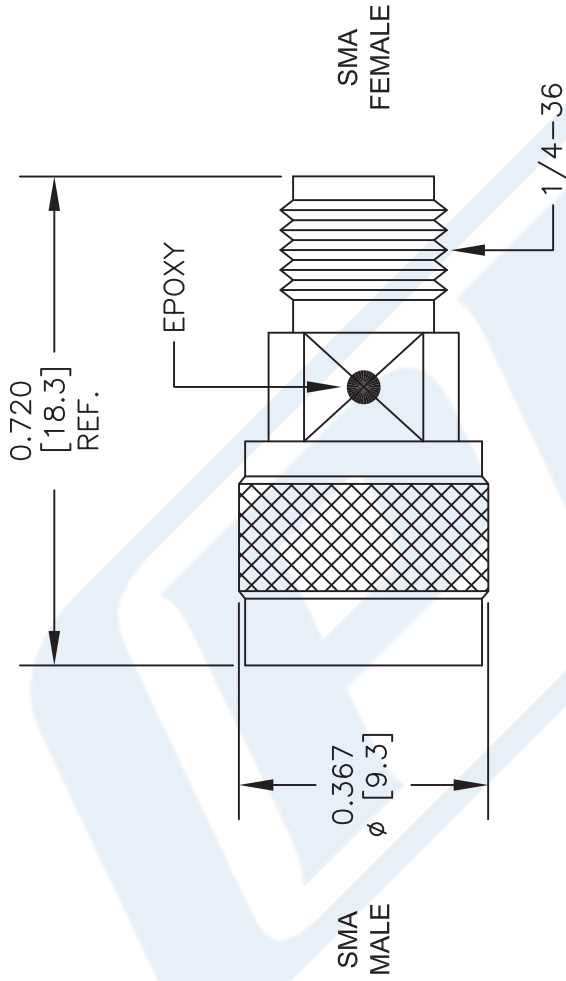
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Push-On SMA Male to SMA Female Adapter PE91336](#)

URL: <https://www.pasternack.com/sma-male-sma-female-straight-adapter-pe91336-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.

# PE91336 CAD Drawing

## Push-On SMA Male to SMA Female Adapter



**STANDARD TOLERANCES**

.X ±0.2  
 .XX ±0.1  
 .XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

**PE91336**

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].

CAGE CODE 53919

CAD FILE 041117

SCALE N/A

SIZE A

2233