



## 2.92mm Female to Mini SMP Female Adapter

### RF Adapters Technical Data Sheet

PE9782

#### Configuration

- 2.92mm Female Connector 1
- Mini SMP Female Connector 2
- 50 Ohms
- Straight Body Geometry

#### Features

- Max VSWR of 1.3:1 up to 40 GHz
- Gold Plated Contact

#### Applications

- Allows Connection Between Series
- General Purpose Test

#### Description

Pasternack's PE9782 2.92mm female to Mini SMP female adapter is part of our full line of RF components available for same-day shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 2.92mm to Mini SMP adapter has a female to female gender configuration. PE9782 2.92mm female to Mini SMP female adapter operates to 40 GHz. The Pasternack RF adapter provides good VSWR of 1.3:1 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		40	GHz
VSWR			1.3:1	

Electrical Specification Notes:  
Values at 25°C, sea level.

#### Mechanical Specifications

##### Size

Length	1 in [25.4 mm]
Width	0.35 in [8.89 mm]
Weight	0.006 lbs [2.72 g]

Description	Connector 1	Connector 2
Type	2.92mm Female	Mini SMP Female
Polarity	Standard	Standard

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female to Mini SMP Female Adapter PE9782](#)



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#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Female		Mini SMP Female	
Contact		Gold		Gold
Insulation	PTFE		PTFE	
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	

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

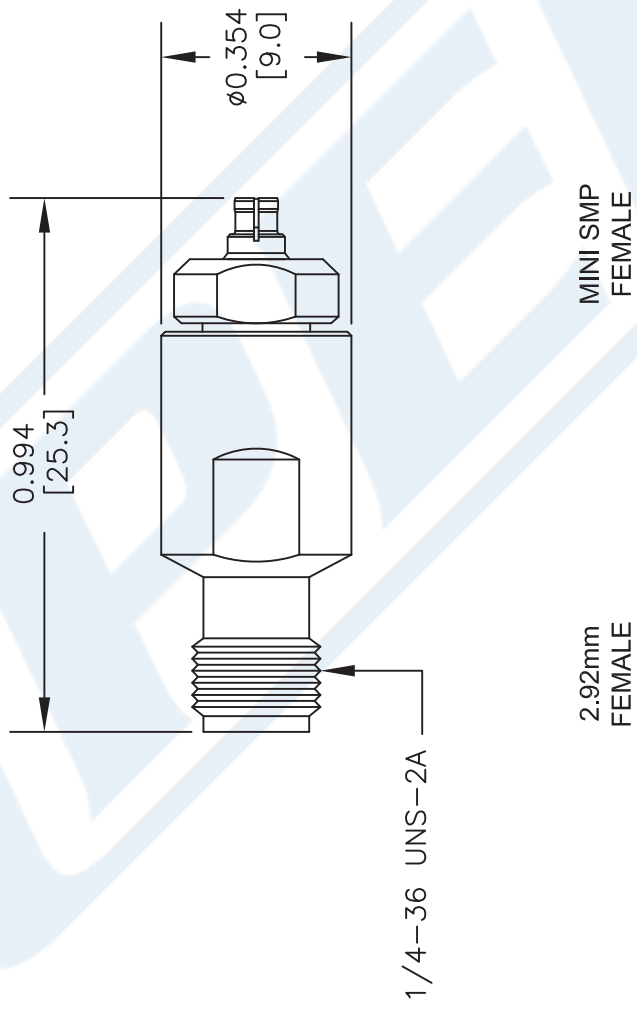
2.92mm Female to Mini SMP Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female to Mini SMP Female Adapter PE9782](#)

URL: <https://www.pasternack.com/2.92mm-female-mini-smp-female-straight-adapter-pe9782-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.

PE9782 CAD Drawing  
2.92mm Female to Mini SMP Female Adapter



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

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

<b>DWG TITLE</b> <b>PE9782</b>		<b>NOTES:</b> 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].		
<b>FSCM NO. 53919</b>		<b>CAD FILE</b> 090116	<b>SCALE</b> N/A	<b>SIZE</b> A
				41742

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