



2.92mm Male to Mini SMP Female Adapter

RF Adapters Technical Data Sheet

PE91126

Configuration

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

Features

- Max VSWR of 1.4:1 up to 40 GHz
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact
- Max VSWR of 1.4:1 up to 40 GHz
- Gold Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204

Applications

- Allows Connection Between Series
- General Purpose Test
- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE91126 2.92mm male 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 male to female gender configuration. PE91126 2.92mm male to Mini SMP female adapter is gold plated and operates to 40 GHz. The Pasternack RF adapter provides good VSWR of 1.4:1 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			1.4:1	

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

Mechanical Specifications

Size	
Length	0.83 in [21.08 mm]
Width	0.312 in [7.92 mm]
Weight	0.0125 lbs [5.67 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to Mini SMP Female Adapter PE91126](#)



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Description	Connector 1	Connector 2
Type	2.92mm Male	Mini SMP Female
Polarity	Standard	Standard
Hex Size	5/16 in.	
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 Nm]	

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Male		Mini SMP Female	
Contact	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Beryllium Copper	Gold MIL-G-45204
Body	Beryllium Copper	Gold MIL-G-45204		
Coupling Nut	Passivated Stainless Steel AMS-QQ-P-35			

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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

Plotted and Other Data

Notes:

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2.92mm Male 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 99.4% availability and are part of the broadest selection in the industry.

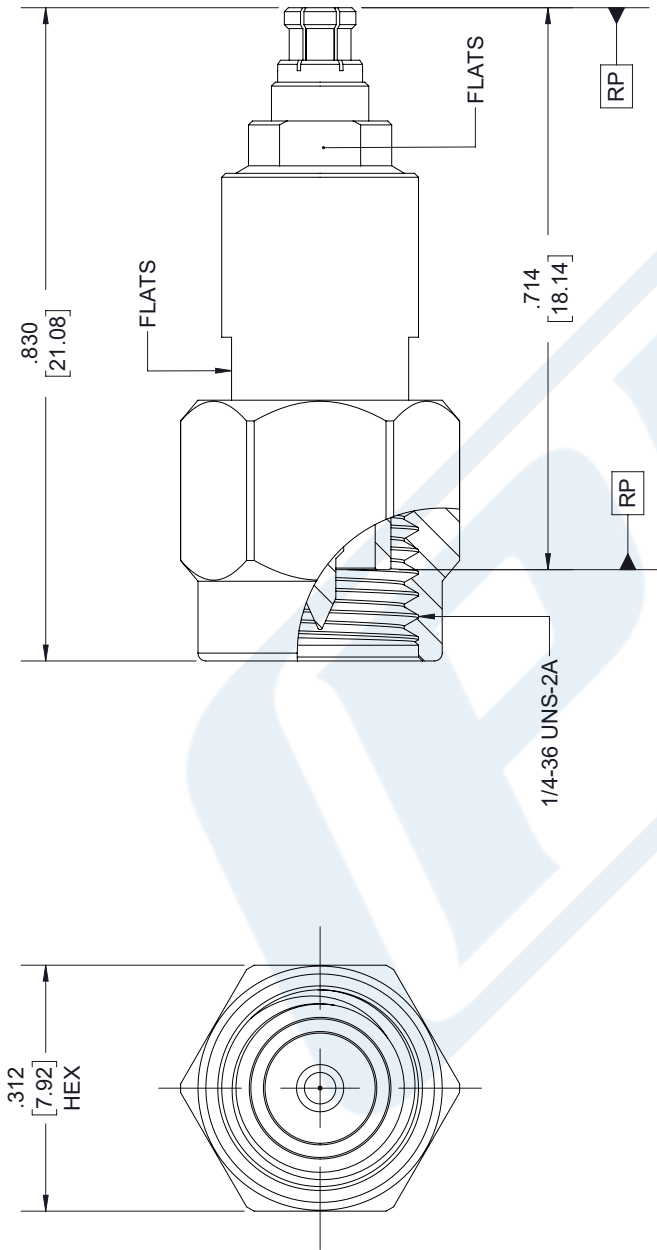
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to Mini SMP Female Adapter PE91126](https://www.pasternack.com/2.92mm-male-mini-smp-female-straight-adapter-pe91126-p.aspx)

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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.

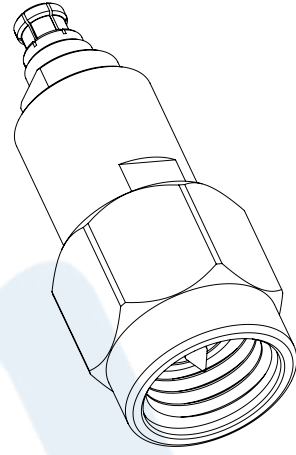
PE91126 CAD Drawing

2.92mm Male to Mini SMP Female Adapter



2.92mm MALE

MINI SMP FEMALE



STANDARD TOLERANCES

- .X ±0.2
- .XX ±0.01
- .XXX ±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE91126

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 022218

SCALE N/A

SIZE A

7361