



## 2.92mm Male to 7mm Sexless Adapter

### RF Adapters Technical Data Sheet

PE9460

#### Configuration

- 2.92mm Male Connector 1
- 7mm Sexless Connector 2
- 50 Ohms
- Straight Body Geometry

#### Features

- Max VSWR of 1.1:1 up to 18 GHz
- Gold Plated Beryllium Copper Contact

#### Applications

- Allows Connection Between Series
- General Purpose Test

#### Description

Pasternack's PE9460 2.92mm male to 7mm sexless 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 7mm adapter has a male to sexless gender configuration built of durable stainless steel. PE9460 2.92mm male to 7mm sexless adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.1:1 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			1.1:1	

#### Mechanical Specifications

Size	
Length	1.4 in [35.56 mm]
Width	0.87 in [22.1 mm]
Weight	0.102 lbs [46.27 g]

Description	Connector 1	Connector 2
Type	2.92mm Male	7mm Sexless
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 Male to 7mm Sexless Adapter PE9460](#)



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#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Male		7mm Sexless	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	

#### Environmental Specifications

##### Temperature

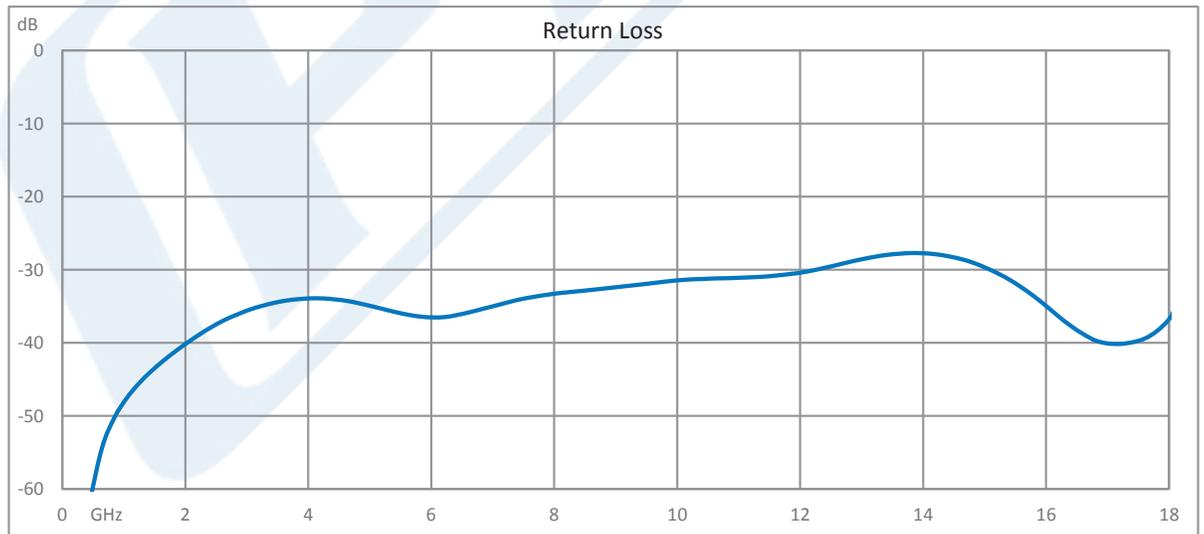
Operating Range -65 to +125 deg C

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

#### Plotted and Other Data

Notes:

#### Typical Performance Data



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2.92mm Male to 7mm Sexless 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.

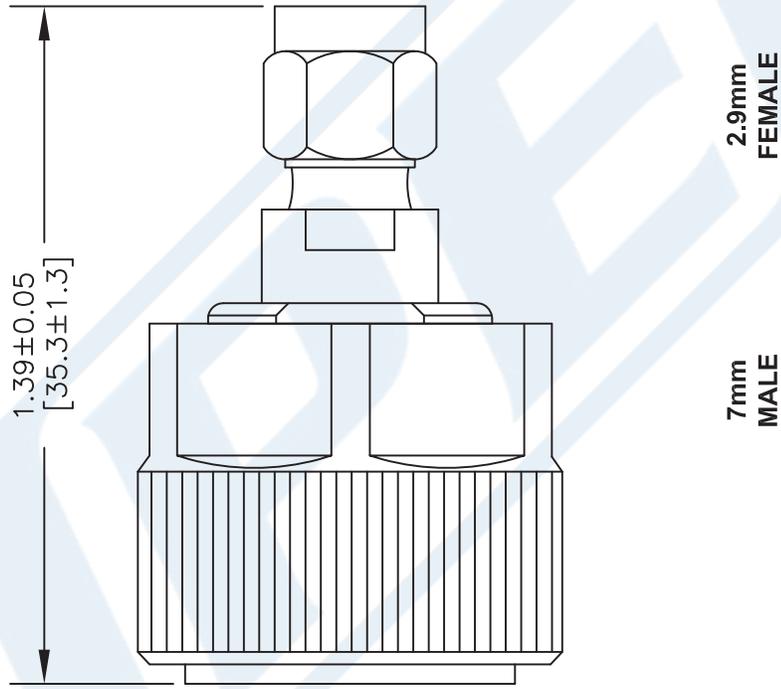
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to 7mm Sexless Adapter PE9460](https://www.pasternack.com/2.92mm-male-7mm-sexless-straight-adapter-pe9460-p.aspx)

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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.

# PE9460 CAD Drawing

## 2.92mm Male to 7mm Sexless 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  
**PE9460**

150

SIZE A

SCALE N/A

CAD FILE 011916

FSCM NO. 53919

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