



WR-42 to 2.92mm Male Waveguide to Coax  
Adapter 18 GHz to 26.5 GHz

TECHNICAL DATA SHEET

PE9813

**WR-42 to 2.92mm Male Waveguide to Coax Adapter 18 GHz to 26.5 GHz**

**Configuration**

Waveguide Interface	WR-42
RF Connector	2.92mm Male
RF Connector Impedance	50 Ohms

**Electrical Specifications**

Frequency Range, GHz	18 to 26.5
Maximum VSWR	1.25:1

**Mechanical Specifications**

**Size**

Length, in [mm]	1.24 [31.5]
Width/Dia., in [mm]	0.88 [22.35]
Height, in [mm]	0.88 [22.35]

**Waveguide Interface**

Type	WR-42
Body Material and Plating	Aluminum

**RF Connector**

Type	2.92mm Male
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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WR-42 to 2.92mm Male Waveguide to Coax Adapter 18 GHz to 26.5 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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: [WR-42 to 2.92mm Male Waveguide to Coax Adapter 18 GHz to 26.5 GHz PE9813](http://www.pasternack.com/wr-42-sma-male-waveguide-coax-adapter-18-ghz-26.5-ghz-pe9813-p.aspx)

URL: <http://www.pasternack.com/wr-42-sma-male-waveguide-coax-adapter-18-ghz-26.5-ghz-pe9813-p.aspx>

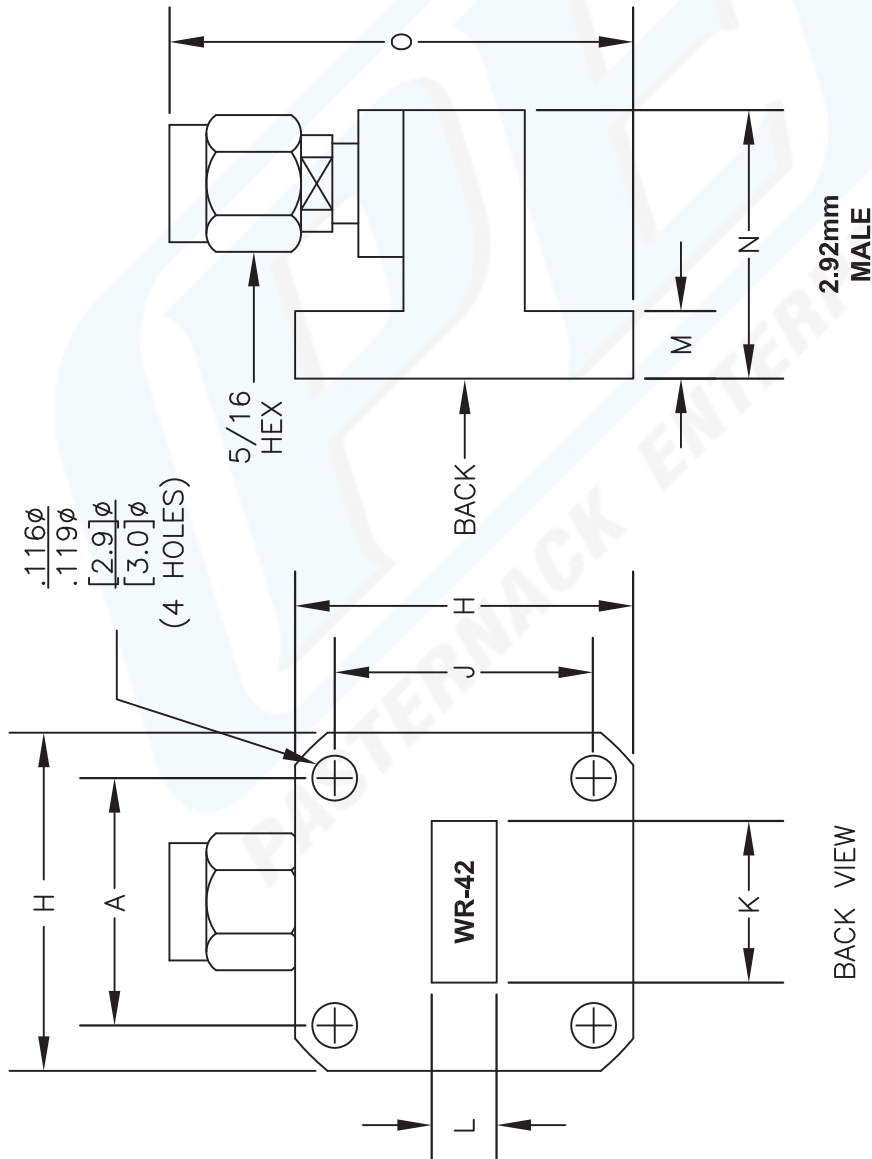
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

# PE9813 CAD Drawing

WR-42 to 2.92mm Male Waveguide to Coax Adapter 18 GHz to 26.5 GHz

WR42		
Dimension	Inches	mm
A	0.640	16.26
H	0.875	22.23
J	0.670	17.02
K ( $\pm 0.002$ )	0.420	10.67
L ( $\pm 0.002$ )	0.170	4.32

M	0.175	4.45
N	0.695	17.65
O	1.200	30.48



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

**PE9813**

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**COAXIAL & FIBER OPTICS**



2233

SIZE A

SCALE N/A

CAD FILE 032912

FSCM NO. 53919

REV. A