



WR-62 With Square Cover Flange to SMA Female Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz

## Waveguide to Coax Adapters Technical Data Sheet

PE9803

### Configuration

Waveguide Size	WR-62
Flange	Square Cover
RF Connector	SMA Female
Impedance	50 Ohms
Body Geometry	Right Angle

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	12.4		18	GHz
Input Power (CW)			10	Watts

### Mechanical Specifications

#### Size

Length	1.36 in [34.54 mm]
Width	1.31 in [33.27 mm]
Height	1.31 in [33.27 mm]

#### RF Connector

Connector Type	SMA Female
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#### Waveguide Interface

Waveguide Type	WR-62
Flange Type	Square Cover

### Environmental Specifications

#### Temperature

Operating Range	-40 to 70 deg C
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### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

Not RoHS Compliant

### Plotted and Other Data

Notes:

- Values at +25 °C, sea level unless stated otherwise

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-62 With Square Cover Flange to SMA Female Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz PE9803](#)



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WR-62 With Square Cover Flange to SMA Female Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz 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: [WR-62 With Square Cover Flange to SMA Female Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz PE9803](http://www.pasternack.com/wr-62-sma-female-waveguide-coax-adapter-12.4-ghz-18-ghz-pe9803-p.aspx)

URL: <http://www.pasternack.com/wr-62-sma-female-waveguide-coax-adapter-12.4-ghz-18-ghz-pe9803-p.aspx>

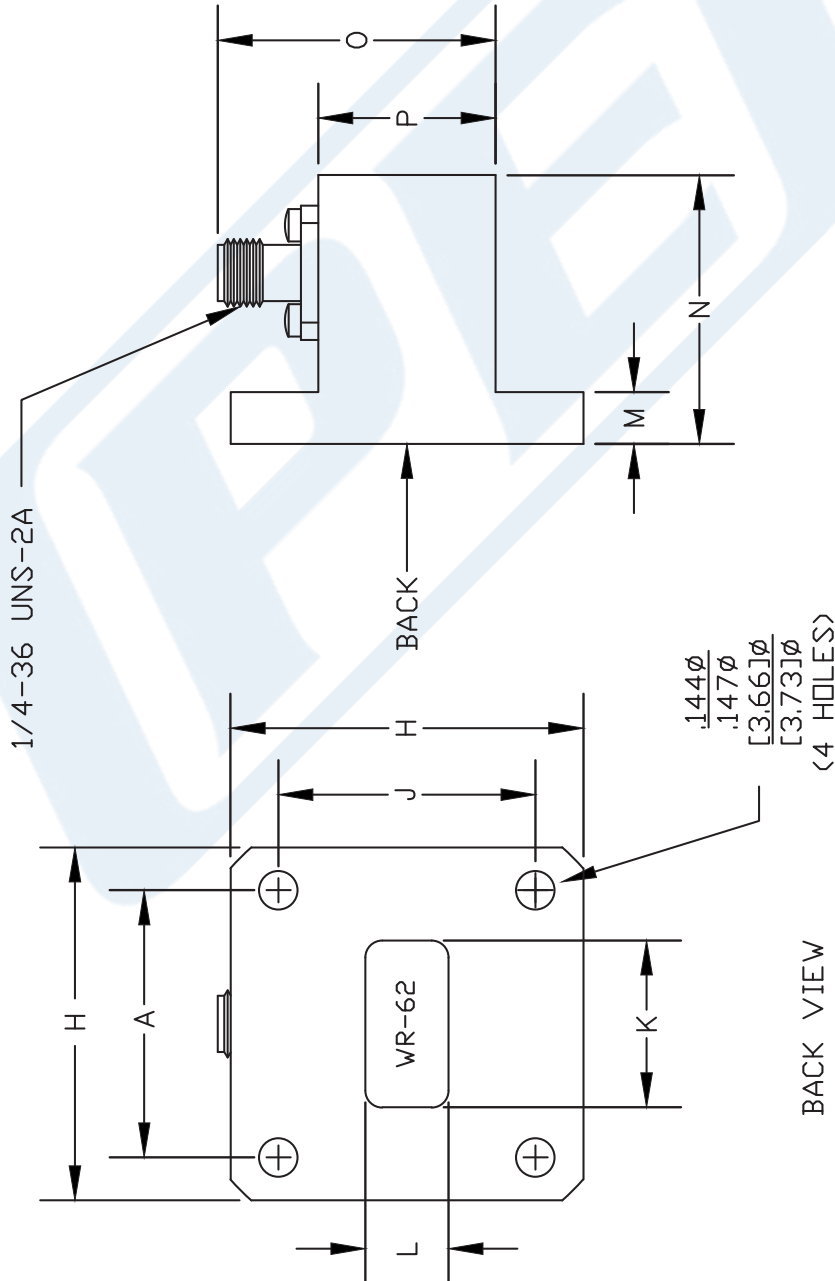
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

# PE9803 CAD Drawing

WR-62 With Square Cover Flange to SMA Female Waveguide to Coax Adapter Operating From 12.4 GHz to 18 GHz

WR62			
Dimension	Inches	mm	
A	0.994	25.25	
H	1.313	33.35	
J	0.956	24.28	
K ( $\pm 0.002$ )	0.622	15.80	
L ( $\pm 0.002$ )	0.311	7.90	

M	0.193	4.90
N	1.000	25.40
O	1.034	26.26
P	0.660	16.76



DWG TITLE

**PE9803**

FSCM NO. 53919

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].

CAD FILE 121302

SCALE N/A

SIZE A

127

**PE PASTERNAK®**  
 Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
 Phone: (949) 261-1920 | Fax: (949) 261-7451  
 Website: www.pasternack.com | E-Mail: sales@pasternack.com