



WR-90 to N Female Waveguide to Coax  
Adapter 8.2 GHz to 12.4 GHz

TECHNICAL DATA SHEET

PE9868

**WR-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz**

**Configuration**

Waveguide Interface	WR-90
RF Connector	N Female
RF Connector Impedance	50 Ohms
Body Style	End Launch

**Electrical Specifications**

Frequency Range, GHz	8.2 to 12.4
Maximum VSWR	1.2:1

**Mechanical Specifications**

**Size**

Length, in [mm]	1.82 [46.23]
Width/Dia., in [mm]	1.63 [41.4]
Height, in [mm]	1.63 [41.4]

**Waveguide Interface**

Type	WR-90
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**RF Connector**

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

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

WR-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 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-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz PE9868](http://www.pasternack.com/waveguide-end-launch-to-n-female-frequency-range-820-1240-ghz-pe9868-p.aspx)

URL: <http://www.pasternack.com/waveguide-end-launch-to-n-female-frequency-range-820-1240-ghz-pe9868-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.

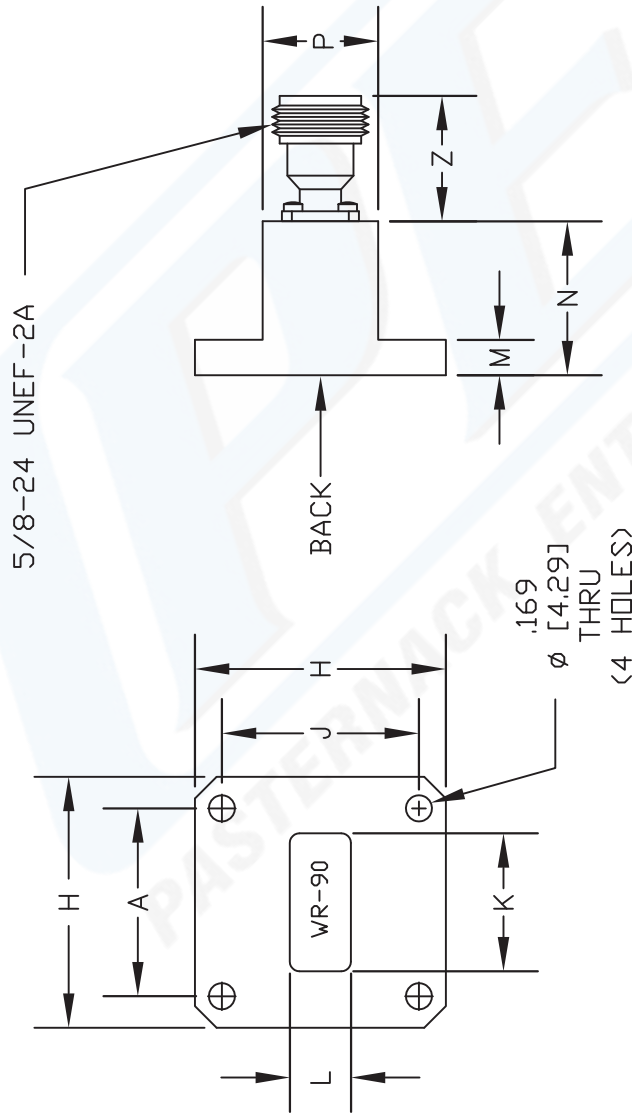


# PE9868 CAD Drawing

WR-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz

WR90		Dimension	Inches	mm
A			1.220	30.99
H			1.630	41.40
J			1.280	32.51
K	(±0.003)		0.900	22.86
L	(±0.003)		0.400	10.16

M		0.220	5.59
N		1.000	25.40
P		0.750	19.05
Z	(TYP.)	0.815	20.70



BACK VIEW

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

**PE9868**

REV. -

FSCM NO. 53919

CAD FILE 101104

SCALE N/A

SIZE A

127

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