



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

TECHNICAL DATA SHEET

PE9848

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

Configuration

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

Electrical Specifications

Frequency Range, GHz	8.2 to 12.4
Maximum VSWR	1.3:1

Mechanical Specifications

Size

Length, in [mm]	1.38 [35.05]
Width/Dia., in [mm]	1.63 [41.4]
Height, in [mm]	1.63 [41.4]

Waveguide Interface

Type	WR-90
Body Material and Plating	Aluminum

RF Connector

Type	SMA Female
Body Material and Plating	Passivated Stainless Steel

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes:	Values at 25 °C, sea level
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WR-90 to SMA 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 SMA Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz PE9848](http://www.pasternack.com/wr-90-sma-female-end-launch-waveguide-coax-adapter-8.2-ghz-12.4-ghz-pe9848-p.aspx)

URL: <http://www.pasternack.com/wr-90-sma-female-end-launch-waveguide-coax-adapter-8.2-ghz-12.4-ghz-pe9848-p.aspx>

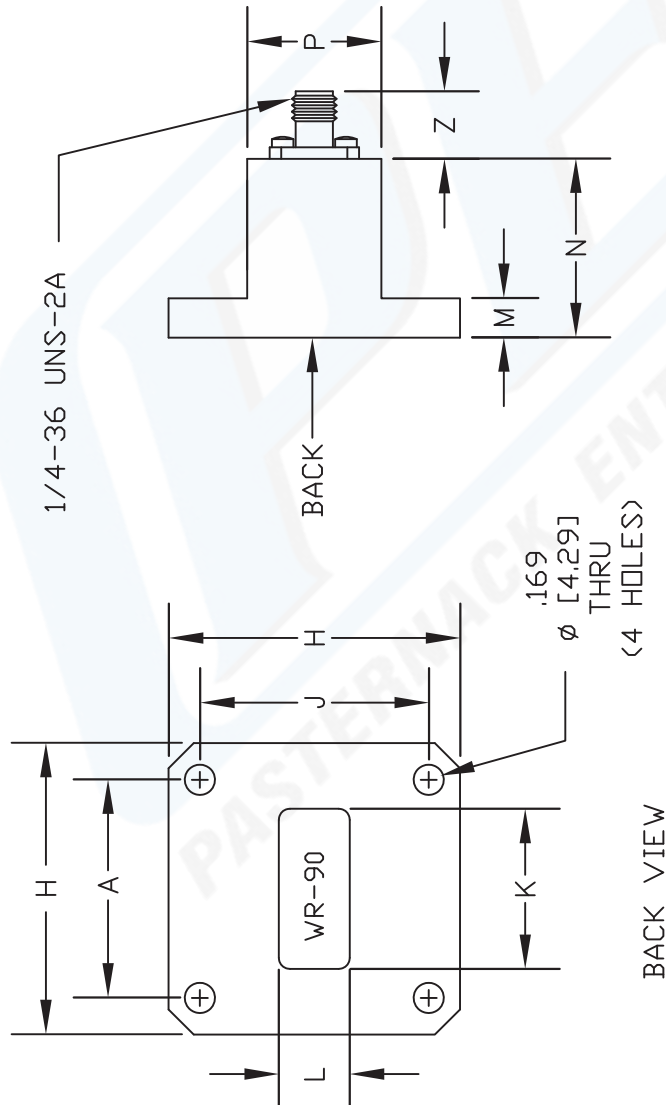
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

PE9848 CAD Drawing

WR-90 to SMA 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.)	0.375	9.53



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

PE9848

REV. -

FSCM NO. 53919

CAD FILE

101204

SCALE

N/A

SIZE

A

127

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