



## CPR-90G to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz

### TECHNICAL DATA SHEET

PE9836

#### CPR-90G to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz

##### Configuration

Waveguide Interface	CPR-90G
Flange Design	Grooved
RF Connector	N Female
RF Connector Impedance	50 Ohms

##### Electrical Specifications

Frequency Range, GHz	8.2 to 12.4
Maximum VSWR	1.25:1

##### Mechanical Specifications

###### Size

Length, in [mm]	1 [25.4]
Width/Dia., in [mm]	2.09 [53.09]
Height, in [mm]	1.98 [50.29]
Weight, lbs [g]	0.141 [63.96]

###### Waveguide Interface

Type	CPR-90G
Body Material and Plating	Aluminum

###### RF Connector

Type	N Female
Body Material and Plating	Brass, Nickel

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

##### Plotted and Other Data

Notes: Values at 25 °C, sea level

CPR-90G 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: [CPR-90G to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz PE9836](http://www.pasternack.com/grooved-wr-90-n-female-waveguide-coax-adapter-8.2-ghz-12.4-ghz-pe9836-p.aspx)

URL: <http://www.pasternack.com/grooved-wr-90-n-female-waveguide-coax-adapter-8.2-ghz-12.4-ghz-pe9836-p.aspx>

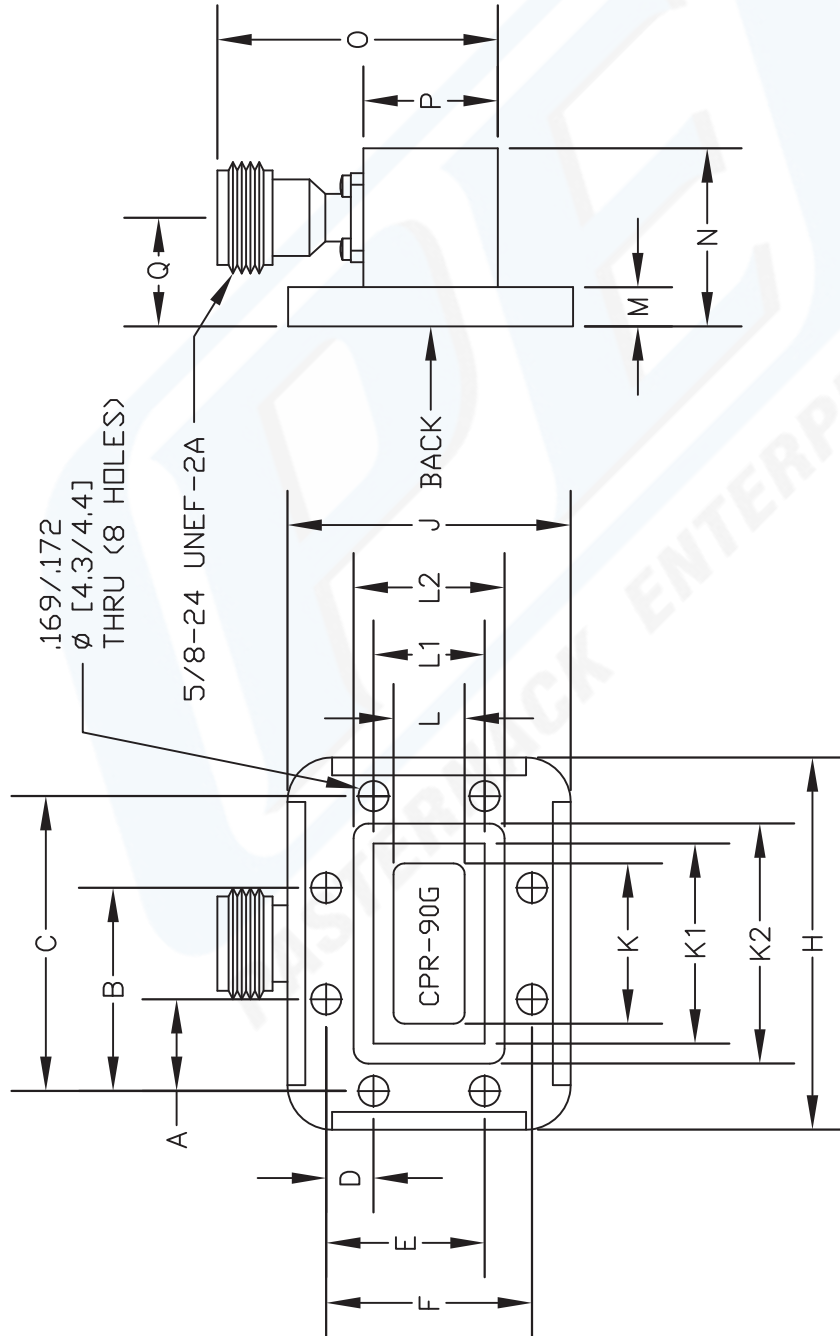
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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



# PE9836 CAD Drawing

CPR-90G to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz

CPR-90G			
Dimension	Inches	mm	
A	0.516	13.11	
B	1.141	28.98	
C	1.656	42.06	
D	0.266	6.76	
E	0.891	22.63	
F	1.156	29.36	
H	2.090	53.09	
J	1.590	40.39	
K ( $\pm 0.004$ )	0.900	22.86	
K1	1.124	28.55	
K2	1.400	35.56	
L ( $\pm 0.004$ )	0.400	10.16	
L1	0.624	15.85	
L2	0.902	22.91	
M	0.220	5.59	
N	1.000	25.40	
O	1.560	39.62	
P	0.750	19.05	
Q	0.630	16.00	



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

**PE9836**

**PASTERNAK ENTERPRISES, INC.**  
 PO BOX 16759, IRVINE, CA 92623  
 PHONE (949) 261-1920 FAX (949) 261-7451  
 WEB ADDRESS: [www.pasternack.com](http://www.pasternack.com)  
 E-MAIL ADDRESS: [sales@pasternack.com](mailto:sales@pasternack.com)  
**COAXIAL & FIBER OPTICS**



127

SIZE A

SCALE N/A

CAD FILE 121302

FSCM NO. 53919

REV. -