



WR-137 to N Female Waveguide to Coax
Adapter 5.85 GHz to 8.2 GHz

TECHNICAL DATA SHEET

PE9818

WR-137 to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz

Configuration

Waveguide Interface	WR-137
RF Connector	N Female
RF Connector Impedance	50 Ohms

Electrical Specifications

Frequency Range, GHz	5.85 to 8.2
Maximum VSWR	1.25:1

Mechanical Specifications

Size

Length, in [mm]	1.25 [31.75]
Width/Dia., in [mm]	2.28 [57.91]
Height, in [mm]	2 [50.8]

Waveguide Interface

Type	WR-137
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RF Connector

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

WR-137 to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 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-137 to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz PE9818](http://www.pasternack.com/wr-137-n-female-waveguide-coax-adapter-5.85-ghz-8.2-ghz-pe9818)

URL: <http://www.pasternack.com/wr-137-n-female-waveguide-coax-adapter-5.85-ghz-8.2-ghz-pe9818-p.asp>

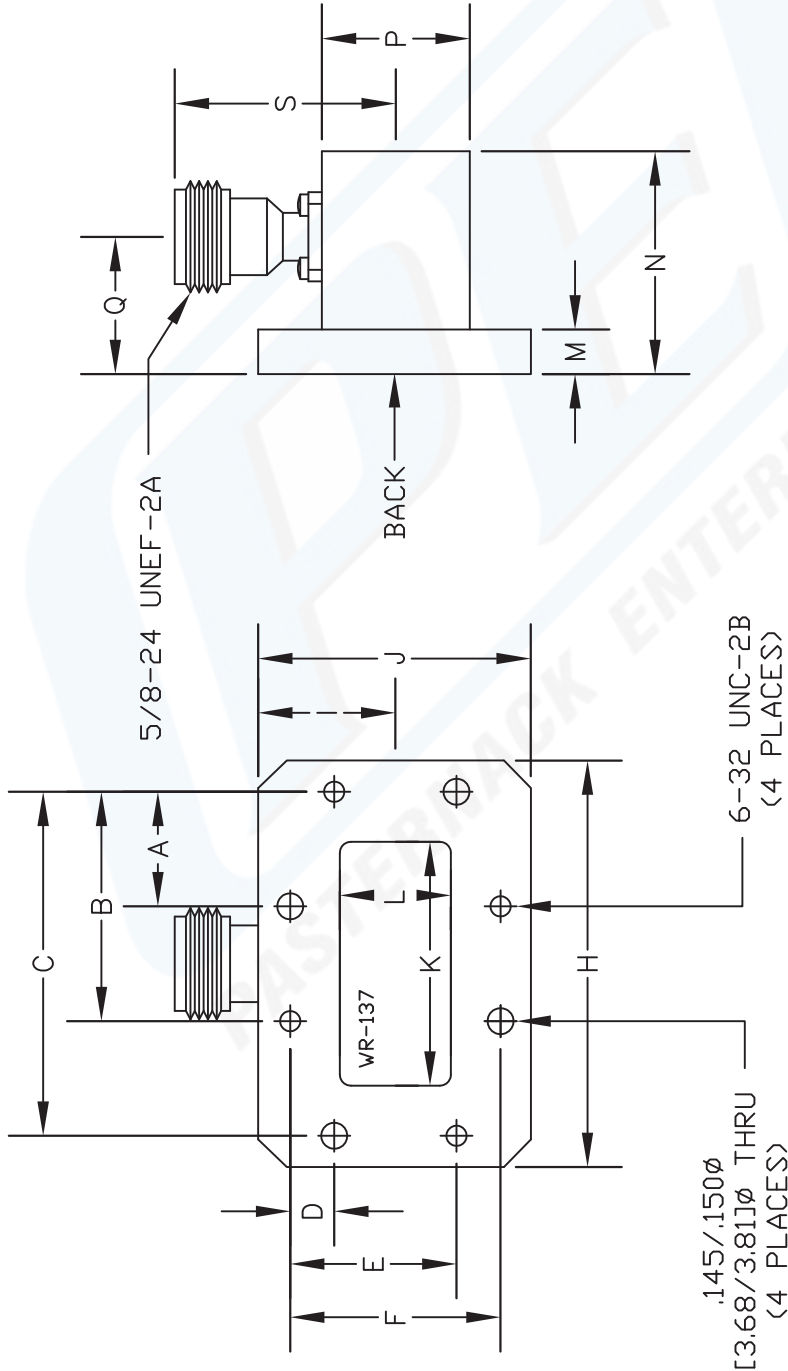
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

PE9818 CAD Drawing

WR-137 to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz

WR137		Inches	mm
A		0.643	16.33
B		1.287	32.69
C		1.930	49.02
D		0.247	6.27
E		0.933	23.70
F		1.180	29.97
H		2.280	57.91
I		0.770	19.56
J		1.530	38.86
K	(±0.004)	1.372	34.85
L	(±0.004)	0.622	15.80

M	0.250	6.35
N	1.250	31.75
P	0.830	21.08
Q	0.770	19.56
S	1.240	31.50



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
PE9818

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REV. - FSCM NO. 53919 CAD FILE 042403 SCALE N/A SIZE A 127