

WR-42 to SMA Female Waveguide to Coax
Adapter 18 GHz to 26.5 GHz

TECHNICAL DATA SHEET

PE9844

WR-42 to SMA Female Waveguide to Coax Adapter 18 GHz to 26.5 GHz

Configuration

Waveguide Interface	WR-42
Flange Design	WR
RF Connector	SMA Female
Body Style	End Launch

Electrical Specifications

Frequency Range, GHz	18 to 26.5
Maximum VSWR	1.3:1

Mechanical Specifications

Size

Length, in [mm]	0.875 [22.23]
Width/Dia., in [mm]	0.875 [22.23]
Height, in [mm]	0.937 [23.8]

Waveguide Interface

Type	WR-42
Body Material and Plating	Aluminum

RF Connector

Type	SMA 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-42 to SMA Female Waveguide to Coax Adapter 18 GHz to 26.5 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-42 to SMA Female Waveguide to Coax Adapter 18 GHz to 26.5 GHz PE9844](http://www.pasternack.com/wr-42-sma-female-end-launch-waveguide-coax-adapter-18-ghz-26.5-ghz-pe9844-p.aspx)

URL: <http://www.pasternack.com/wr-42-sma-female-end-launch-waveguide-coax-adapter-18-ghz-26.5-ghz-pe9844-p.aspx>

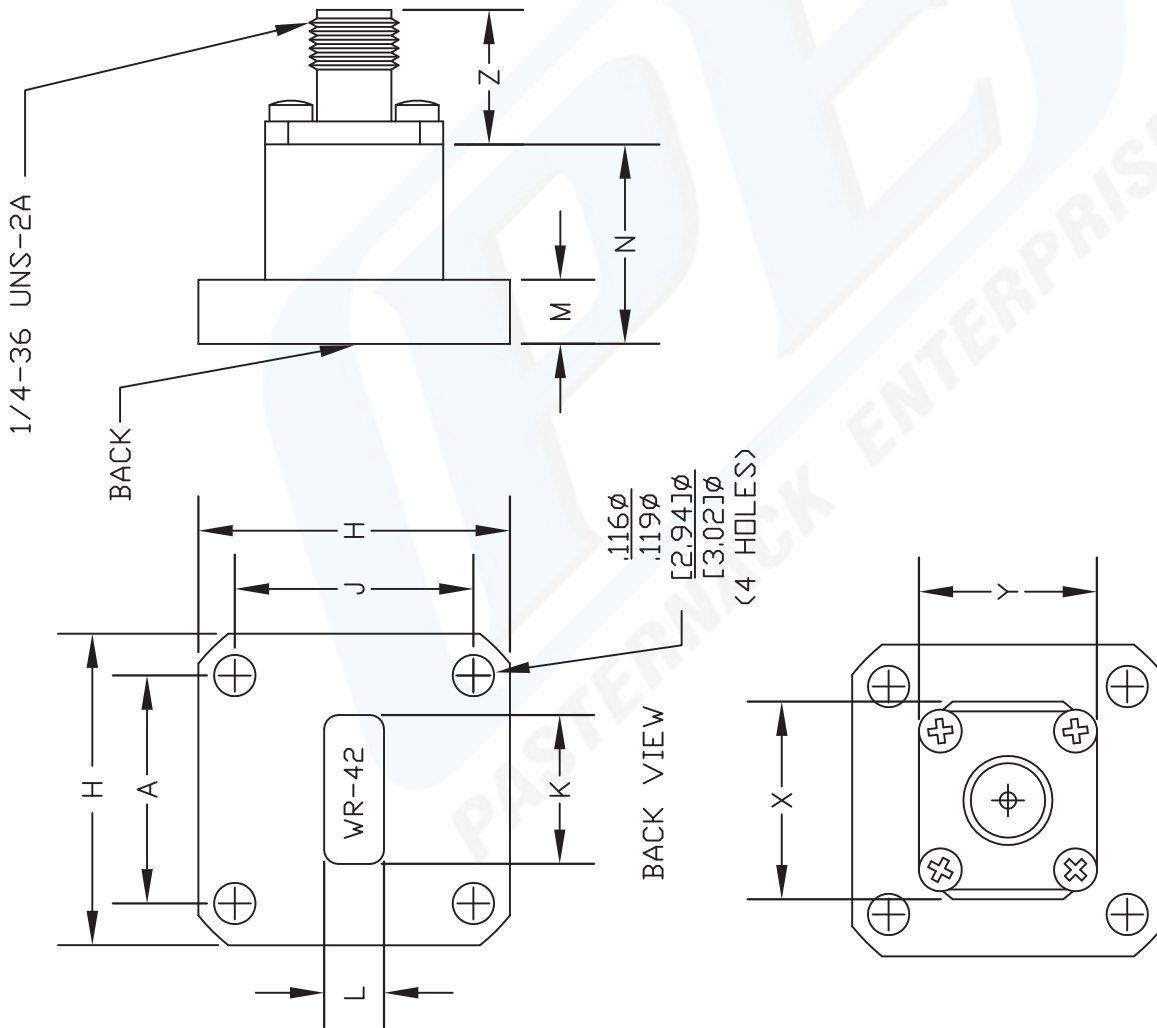
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

PE9844 CAD Drawing

WR-42 to SMA Female Waveguide to Coax Adapter 18 GHz to 26.5 GHz

WR42		
Dimension	Inches	mm
A	0.640	16.26
H	0.875	22.23
J	0.670	17.02
K (± 0.002)	0.420	10.67
L (± 0.002)	0.170	4.32

M	0.175	4.45
N	0.560	14.22
X	0.555	14.10
Y	0.500	12.70
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
PE9844

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REV. A

FSCM NO. 53919

CAD FILE 062907

SCALE N/A

SIZE A

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