



WR-187 Standard Gain Horn Antenna Operates From 3.95 GHz to 5.85 GHz With a Nominal 20 dB Gain WR-187 Input

TECHNICAL DATA SHEET

PE9861-20

WR-187 Standard Gain Horn Antenna Operates From 3.95 GHz to 5.85 GHz With a Nominal 20 dB Gain WR-187 Input

Configuration

Design	WR-187 Standard Gain Horn
Frequency Range, GHz	3.95 to 5.85
Polarization	Linear
Interface 1	WR-187

Electrical Specifications

Nominal Gain, dB	20
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Mechanical Specifications

Size

Length, in [mm]	15 [381]
Width, in [mm]	9.075 [230.51]
Height, in [mm]	6.7 [170.18]
Weight, lbs [Kg]	2.5 [1.13]

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

Plotted and Other Data

2 Dimensional OML Drawing	PE9861-20
Notes:	Values at 25 °C, sea level

WR-187 Standard Gain Horn Antenna Operates From 3.95 GHz to 5.85 GHz With a Nominal 20 dB Gain WR-187 Input 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-187 Standard Gain Horn Antenna Operates From 3.95 GHz to 5.85 GHz With a Nominal 20 dB Gain WR-187 Input PE9861-20](#)

URL: <http://www.pasternack.com/standard-gain-horn-waveguide-size-wr187-pe9861-20-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.

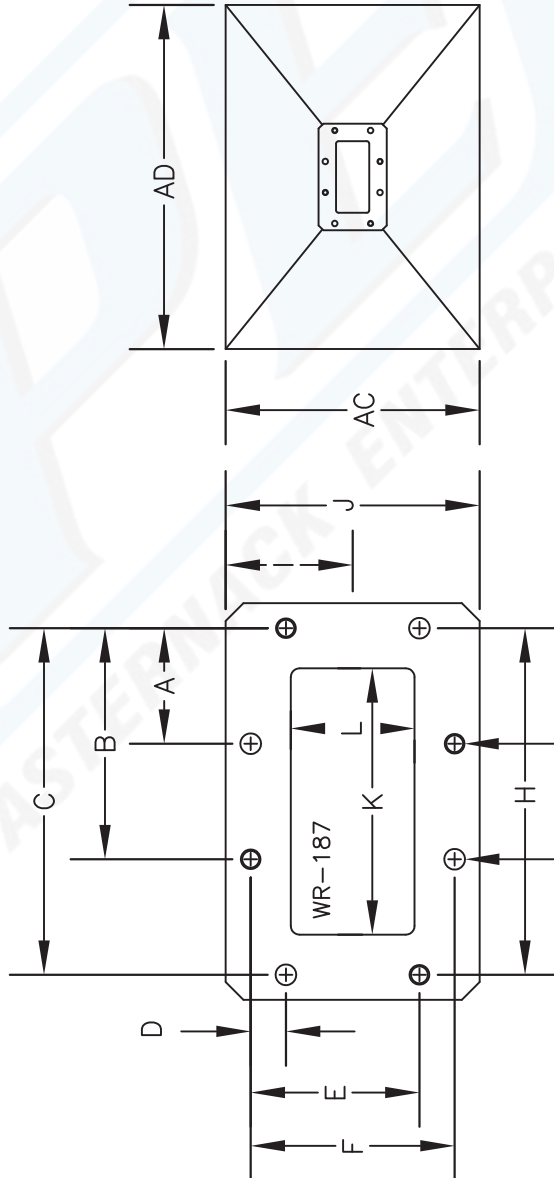
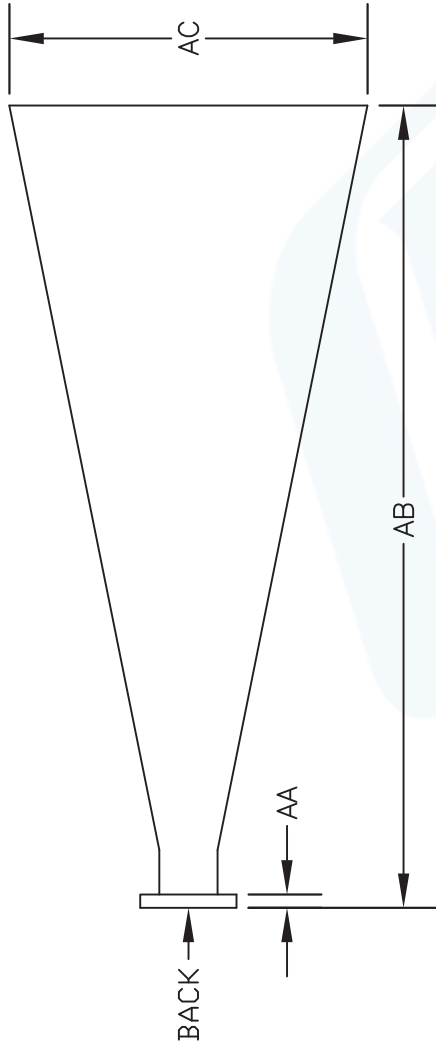


PE9861-20 CAD Drawing

WR-187 Standard Gain Horn Antenna Operates From 3.95 GHz to 5.85 GHz With a Nominal 20 dB Gain WR-187 Input

WR187 Dimension	Inches	mm
A	0.810	20.57
B	1.620	41.15
C	2.430	61.72
D	0.247	6.27
E	1.183	30.05
F	1.430	36.32
H	2.781	70.64
I	0.715	18.16
J	1.781	45.24
K (± 0.004)	1.872	47.55
L (± 0.004)	0.872	22.15

AA	0.250	6.35
AB	15.000	381.00
AC	6.700	170.18
AD	9.075	230.51



.145/.150 ϕ
[3.68/3.81] ϕ THRU
(4 PLACES)

.138-.32 UNC-2B
TAP (4 HOLES)

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
PE9861-20

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REV. A	FSCM NO. 53919	CAD FILE 083010	SCALE N/A	SIZE A	127
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