



WR-284 Waveguide Standard Gain Horn Antenna
 Operating From 2.6 GHz to 3.95 GHz With a
 Nominal 0 dB Gain With CMR-284 Flange

Gain Horns Technical Data Sheet

PEWAN1001

Configuration

Design	WR-284 Standard Gain Horn
Pattern	Directional
Polarization	Linear

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.6		3.95	GHz
Gain	15			dB
Horizontal Half Power Beam Width		30.6		Degrees
Vertical Half Power Beam Width		31		Degrees

Mechanical Specifications

Size

Length	15.5 in [393.7 mm]
Width	8 in [203.2 mm]
Height	6 in [152.4 mm]
Weight	0.056 lbs [25.4 g]

Waveguide Interface

Waveguide Size	WR-284
Flange Type	CMR-284

Environmental Specifications

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-284 Waveguide Standard Gain Horn Antenna Operating From 2.6 GHz to 3.95 GHz With a Nominal 0 dB Gain With CMR-284 Flange PEWAN1001](#)

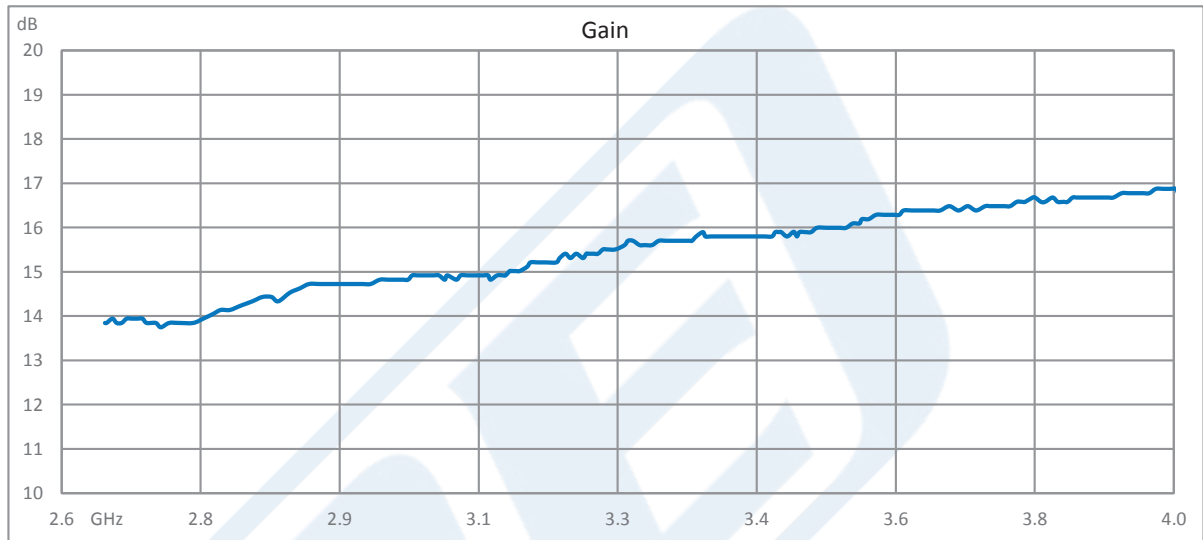


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Typical Performance Data



WR-284 Waveguide Standard Gain Horn Antenna Operating From 2.6 GHz to 3.95 GHz With a Nominal 0 dB Gain With CMR-284 Flange from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

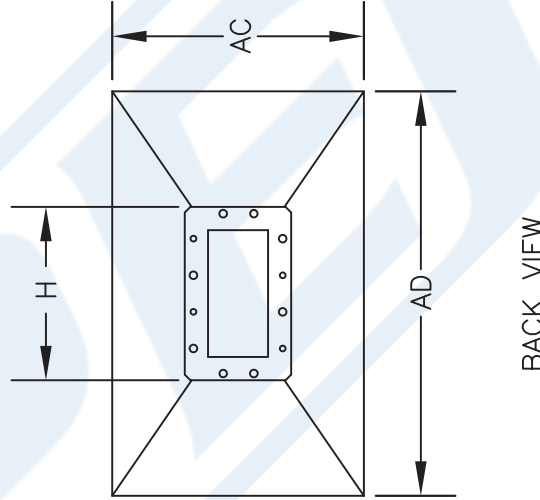
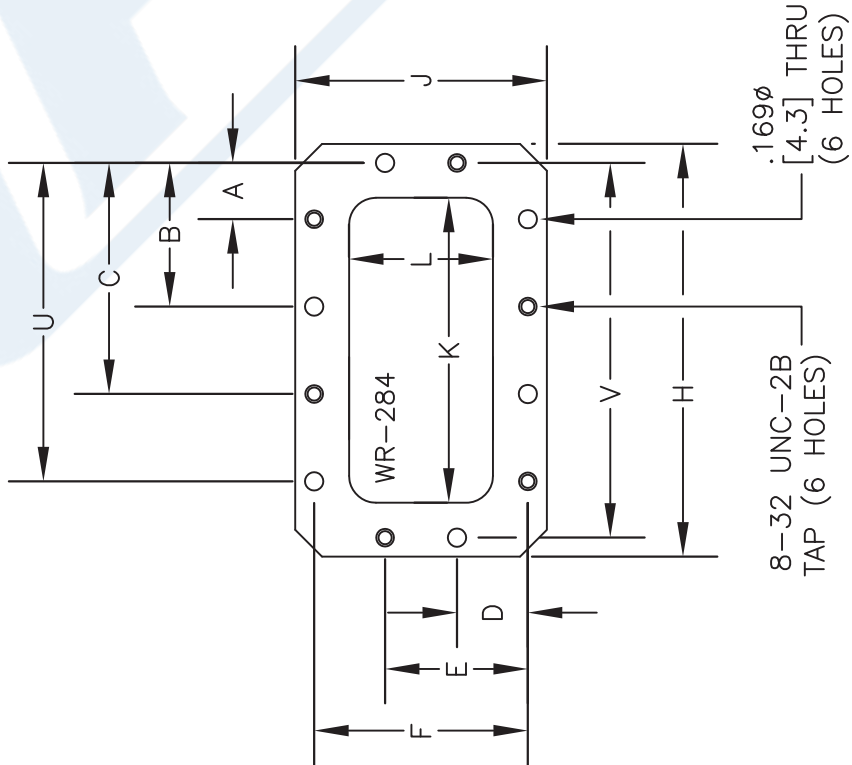
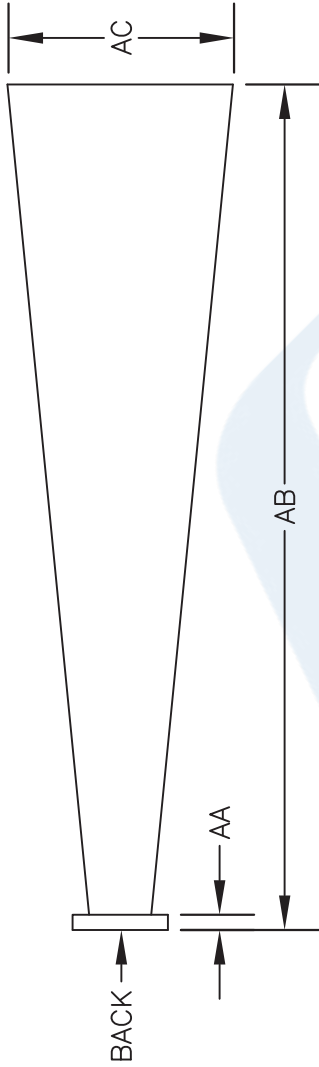
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URL: <https://www.pasternack.com/wr-284-waveguide-standard-gain-horn-antenna-0db-cmr-284-flange-pewan1001-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PEWAN1001 CAD Drawing

WR-284 Waveguide Standard Gain Horn Antenna Operating From 2.6 GHz to 3.95 GHz With a Nominal 0 dB Gain With CMR-284 Flange



STANDARD TOLERANCES
 .X ±0.2
 .XX ±0.1
 .XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

WR284 Dimension	Inches	mm
A	0.524	13.31
B	1.338	33.99
C	2.152	54.66
U	2.966	75.34
V	3.490	88.65
D	0.660	16.76
E	1.330	33.78
F	1.990	50.55
H	3.845	97.66
J	2.344	59.54
K (±0.004)	2.840	72.14
L (±0.004)	1.340	34.04

AA	0.380	9.65
AB	15.500	393.70
AC	6.000	152.40
AD	8.000	203.20

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
PEWAN1001

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CAGE CODE **53919**

CAD FILE 102716

SCALE N/A

SIZE A

2233