

Horn Antenna

OLB-08-23

This WR-08 standard gain horn antenna has a GAIN(22-24)dBi across the band and a square cover flange. It has a frequency of (90.0-140.0)GHz .

Standard gain horn antenna OLB-08-23 is known as a waveguide horn covers WG28, WR08,R1200 bands. It is manufactured using the precision electrode cut copper sections providing accurate, consistent and reliable performance.

This antenna is suitable for Antenna Ranges ;Antenna Gain Measurements System Setups.

HPBW of OLB-08-23 has a V-Plane & H-Plane beam width from 13 degree to 18degree.



Features

Inline Configuration

Linear Polarization

DC Short Circuit at Input

High Return Loss

Applications

Antenna Ranges

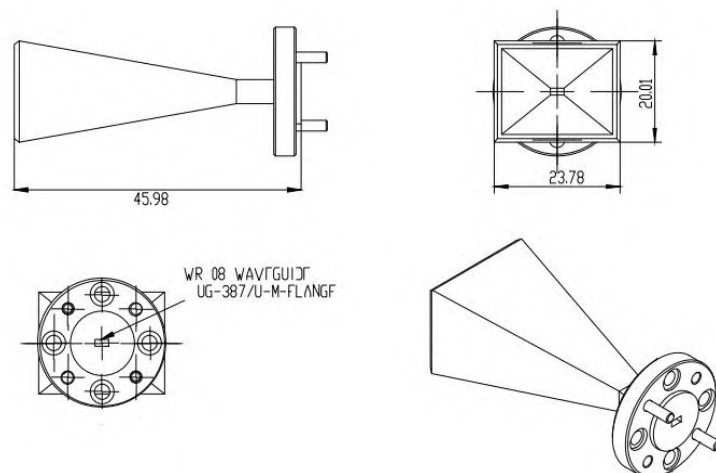
Antenna Gain Measurements

System Setup

Electrical Specifications

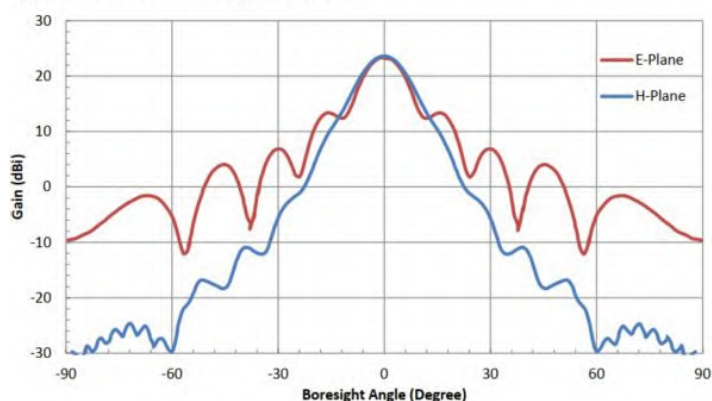
Frequency	(90-140) GHz
Gain	23dBi
Polarization Linear	Linear
3 dB Beamwidth, E-Plane	11°
3 dB Beamwidth, H-Plane	12°
Side Lobes, E-Plane	14dB
Side Lobes, H-Plane	30dB
VSWR	1.15:1

Product Dimensions



Test

Typical Antenna Pattern @ 115 GHz



Typical Gain vs. Frequency

