**Product Datasheet** Product ID: OLB-8-25

## **Standard Horn Antenna**

OLB-8-25

Standard gain horn antenna OLB-8-25 WR-8 is also known as a waveguide horn.

This WR-8 standard gain horn antenna has a 25 dB nominal gain and a square cover flange. Our 25 dB WR-10 horn antenna has a minimum frequency of 90GHz and a maximum frequency of 140GHz.

Standard gain horn waveguide antenna OLB-8-25 has a vertical beam width of 10.2 and horizontal of 10.5 degrees at 3 dB.

90.0-140.0

25 Typ

WR8

Cu

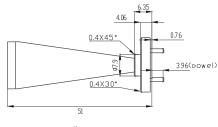
H 10°/V 10°

UG387/U-M WR8

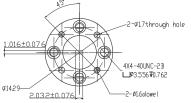
21.4x16.6x51.0

0.03 Around

## **PRODUCT DIMENSIONS**

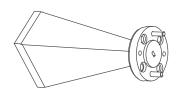


21.4



UG387/U-M SCALE:1.25:1 Circular;four hole fixing/dowled

Uniting



## PATTERN

Features

Low VSWR Light Weight

Linear Polarization

Low Return Loss

**Applications** Antenna Ranges

System Setups

Array Elements

Gain(dB)

Waveguide

Material

Output

Precisely Machined and Gold Plated

Rectangular Waveguide Interface

Antenna Gain Measurements

**Electrical Specifications** 

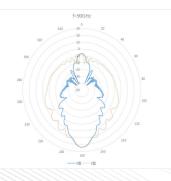
Frequency Range(GHz)

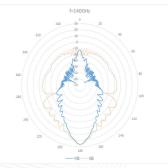
3dB Beam Width

Size(mm) W x H xL

Net Weight(Kg)

Lower sidelobes and symmetrical radiation patterns





1/1HORN ANTENNAS Rev JUN-2017

VSWR

GAIN

1.9 1.8 1.7 1.6 1.5

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