Product Datasheet Product ID: OLB-22-25



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588

Standard Horn Antenna

OLB-22-25

Standard gain horn antenna OLB-22-25 WR-22 is also known as a waveguide horn.

This WR-22 standard gain horn antenna has a 25 dB nominal gain and a square cover flange. Our 25 dB WR-22 horn antenna has a minimum frequency of 33.0 GHz and a maximum frequency of 50.0GHz.

Standard gain horn waveguide antenna OLB-22-25 has a vertical beam width of 10.2 and horizontal of 10.5 degrees at 3 dB.



Features

Low VSWR	
Light Weight	
Linear Polarization	
Low Return Loss	
Rectangular Waveguide Interface	
Lower sidelobes and symmetrical radiation patterns	

Applications

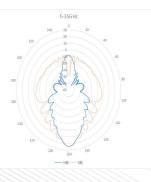
Antenna Ranges Antenna Gain Measurements System Setups

Array Elements

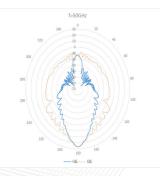
Electrical Specifications

Frequency Range(GHz)	WG output 33.0-50.0 2.4mm-F 33.0-50.0
Gain(dB)	25 Тур
3dB Beam Width	H 10° / V 10°
Waveguide	WR22
Material	Cu
Output	FUGP400 (UG-383/U) 2.4mm-F
Size(mm) W x H x L	WG output 59x46x150 2.4mm-F 59x46x175
Net Weight(Kg)	WG output 0.15 Around 2.4mm-F 0.20 Around

AZIMUTH PATTERN



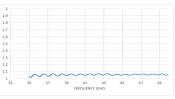




VSWR

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PRODUCT DIMENSIONS

144.8

UG387/U-M(FUGP400) Scale 2:1 Choulan;four hole fixing/oowled

0 4 X 3 (

<u>0 4X30</u>

2-ø170 lhrough hole

4X4-40UNC-23 Ø3.556 ₹0 762 396(dowel)

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Ø19.10

2-Ø16oowel

GAIN



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Ø952

Ø14 29

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