EC MICROWAVE
The door to the RF world

Standard Horn Antenna

OLB-62-15

This WR-62 standard gain horn antenna has a GAIN (14-16) dBi across the band and a circular cover flange.It has a frequency of (11.0-18.0) GHz.

Standard gain horn antenna OLB-62-15 is known as a waveguide horn covers WG18, WR62, R140 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-62-15 has a E-Plane & H-Plane beam width from 30 degrees to 35 degrees.

Features

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

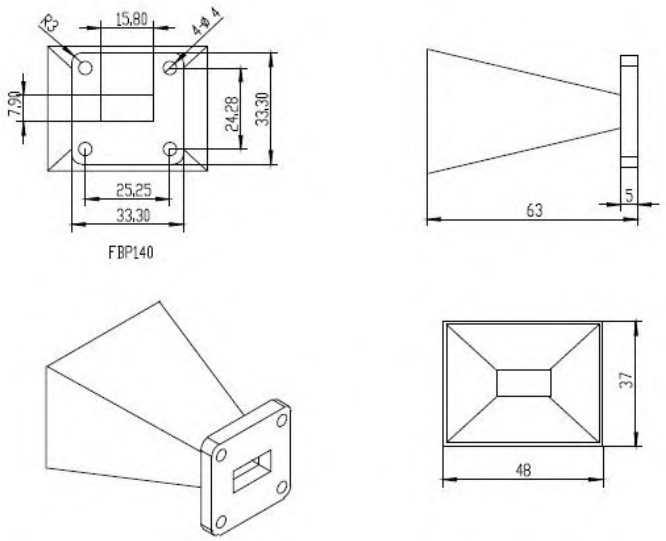
Applications

Antenna Ranges
Antenna Gain Measurements
System Setups
Array Elements

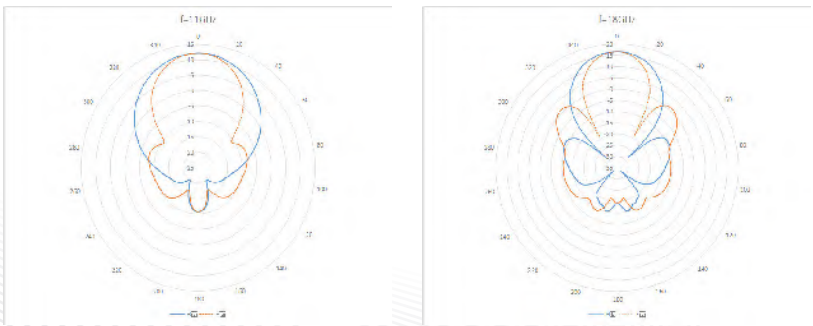
Typical Specifications

Frequency Range(GHz)	11.0-18.0
Gain(dB)	15 Typ
HPBW	H-PlaneH 30° / E-Plane 30°
Waveguide	WR62
Material	Cu
VSWR(max)	1.15
Net Weight(Kg)	0.10
Size(mm) W x H x L	63*37*48

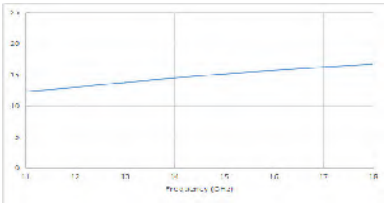
PRODUCT DIMENSIONS



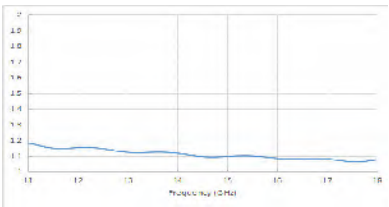
AZIMUTH PATTERN



GAIN



VSWR



EC Microwave is trademark of Ocean Microwave
All rights of respective trademark owners reserved.
© EC Microwave 2017