

# Standard Horn Antenna

## OLB-650-15

Standard gain horn antenna OLB-650-15 WR-650 is also known as a waveguide horn.

This WR-650 standard gain horn antenna has a 15 dB nominal gain and a square cover flange. Our 15 dB WR-650 horn antenna has a minimum frequency of 1.12 GHz and a maximum frequency of 1.70 GHz.

Standard gain horn waveguide antenna OLB-650-15 has a vertical beam width of 31.3 and horizontal of 32.1 degrees at 3 dB.



### Features

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

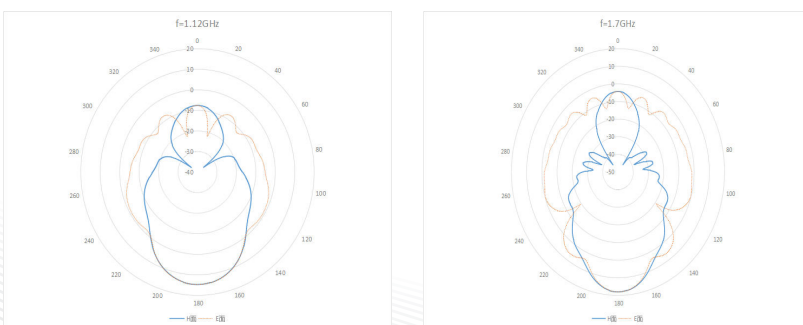
### Applications

- \_\_\_\_\_ Antenna Ranges
- \_\_\_\_\_ Antenna Gain Measurements System Setups
- \_\_\_\_\_ Array Elements

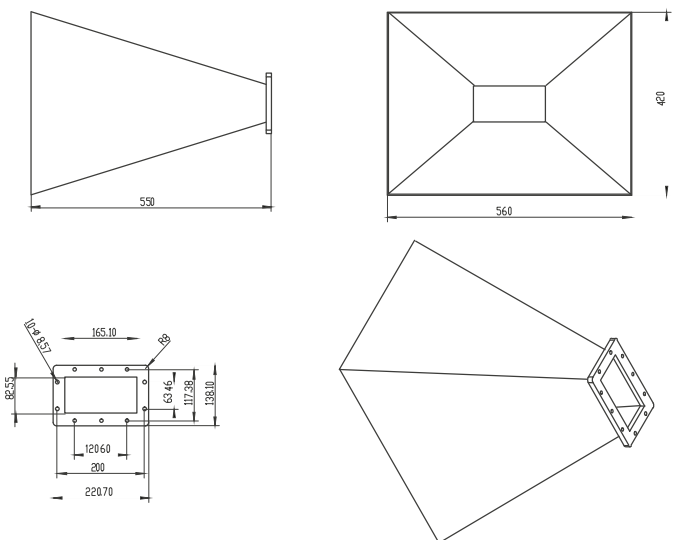
### Electrical Specifications

Frequency Range(GHz)	1.12-1.70
Gain(dB)	15 Typ.
3dB Beam Width	H 30° / V 30°
Waveguide	WR650
Material	Al
Output	FDP14 N-F or SMA-F or 7/16-F
Size(mm) W x H x L	563x423x410 563x423x560
Net Weight(Kg)	4.4 Around 5.7 Around

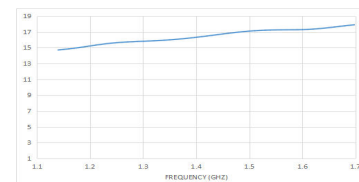
### PATTERN



### PRODUCT DIMENSIONS



### GAIN



### VSWR

