

# Standard Horn Antenna

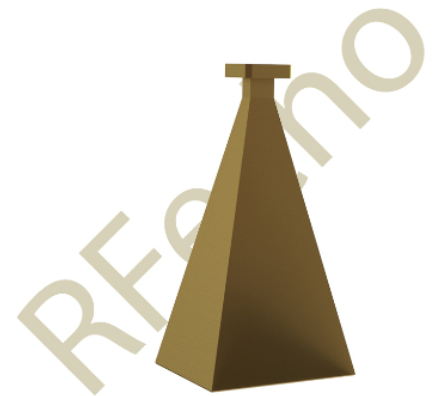
## OLB-28-25

This WR-28 standard gain horn antenna has a GAIN(24-26)dBi across the band and a square cover flange. It has a frequency of (26.5.0-40.0)GHz .

Standard gain horn antenna OLB-28-25 is known as a waveguide horn covers WG22, WR28,R320 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 SystemSetups.

HPBW of OLB-28-25 has a V-Plane & H-Plane beam width from 10 degree to 15 degree.



### 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

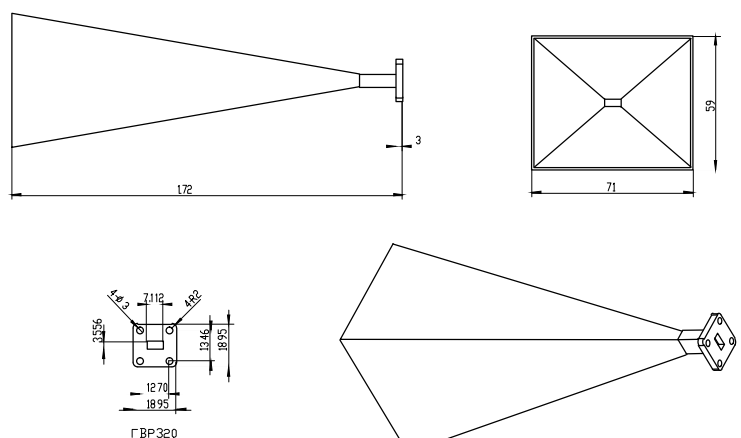
System Setups

Array Elements

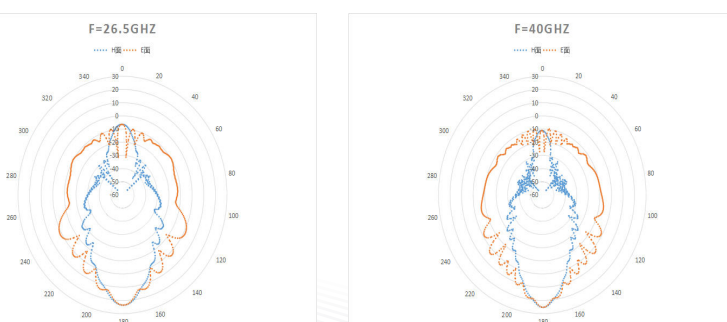
### Electrical Specifications

|                      |                              |
|----------------------|------------------------------|
| Frequency Range(GHz) | 26.5-40.0                    |
| Gain(dB)             | 25 Typ                       |
| HPBW                 | H-PlaneH 10° / E-Plane 10°   |
| Waveguide            | WR28                         |
| Material             | Cu                           |
| Output               | FBP320<br>2.92mm-F or2.4mm-F |
| Size(mm) W x H x L   | 71x59x172<br>71x59x197       |
| Net Weight(Kg)       | 0.20 Around<br>0.25 Around   |

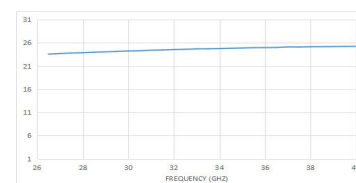
### PRODUCT DIMENSIONS



### AZIMUTH PATTERN



### GAIN



### VSWR

