

Standard Horn Antenna

OLB-159-20

This WR-159 standard gain horn antenna has a GAIN(19-21)dBi across the band and a square cover flange. It has a frequency of (4.90-7.05) GHz .

Standard gain horn antenna OLB-159-20 is known as a waveguide horn covers WG13, WR159,R58 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-159-20 has a V-Plane & H-Plane beam width from 18 degree to 23degree.



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)	4.90-7.05
Gain(dB)	20 Typ
HPBW	H-Plane 18° / E-Plane 18°
Waveguide	WR159
Material	AL
Output	N-F or SMA-F or TNC-F
Size(mm) W x H x L	316*229*179
Net Weight(Kg)	0.16

PRODUCT DIMENSIONS

