

Curve Horn Antenna

OHC-137-15

This OHC137-15 standard gain horn antenna has a GAIN (14-16)dBi across the band and a square cover flange. It has a frequency of (5.0-8.5)GHz . Alternative connectors , including N type and SMA type, waveguide flange are available on request.

Standard gain horn antenna OHC137-15 is known as a waveguide horn covers WG14, WR137,R70 bands. It is manufactured using the precision CNC integrated sections providing accurate, consistent and reliable performance, which ensured that the deformation rate is less than 0.01 under limiting conditions.

The series antennas cross-polarization is less than -40dB. This series antennas are suitable for standard field strength measurement and standard field strength generator. Antenna Gain Measurements.

HPBW of OHC137-15 has a E-Plane & H-Plane beam width from 23 degree to 34 degree. Side lobes in the H plane are all more than 20dB down. First side lobes in the E plane are 13 dB down, second side lobes are 18dB down and all other E plane lobes are more than 20dB down.



Features

- Curve Mechanics Structure With Higher Stability
- The Uncertainty Within 0.03
- The Cross-Polarization Isolation Is less Than -40dB
- Attaching The Date Of Antennas' Phase Center And Efficiency
- Uniform Gain
- Lower VSWR
- Antennas cover from 5GHz to 8.5GHz

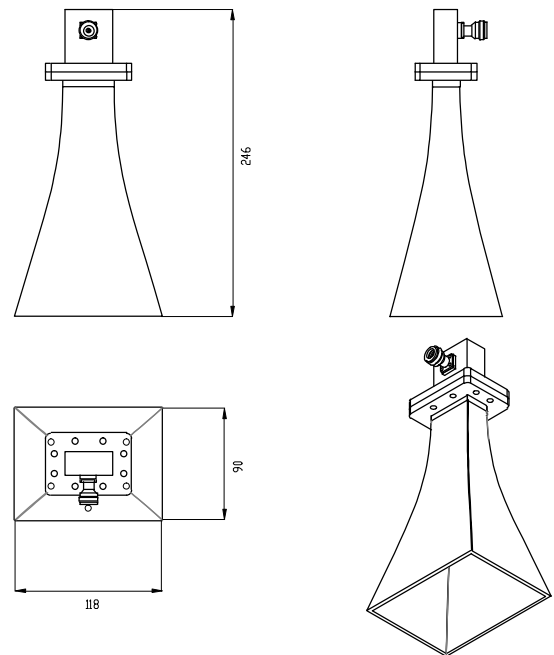
Applications

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

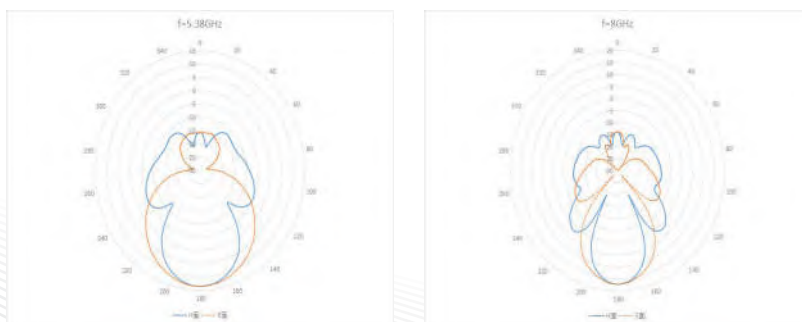
Typical Specifications

Frequency Range(GHz)	5.00-8.50
Band	C
Waveguide Size	WR-137
VSWR(max)	1.15
Connector	SMA
Weight(max)/KG	0.10
Gain	15dBi

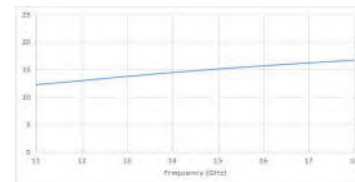
PRODUCT DIMENSIONS



PATTERN



GAIN



VSWR

