

Broadband Horn Antenna

OBH-230

OBH230 double ridge horn antennas operate broadband from 200MHz to 3GHz. The antenna supports linear polarized waveforms.

This antenna is appropriate to the test of wireless and telecom communication antennas. High gain and low VSWR permit the measurement of weak signals and the generation of high field strengths without any significant return loss.

OBH230 is calibrated individually in line with ANSI C63.5-2006, making the antennas ideal for EMC/RF measurements.

OBH230's radiation pattern contains only one single main lobe over the entire frequency range without any other side lobes.

The antenna is low weight within 4.1kg and has rugged construction.



Features

Linear polarized with high polarization purity

RFrequency from 200 MHz to 3 GHz

Low return loss / VSWR

Wide bandwidth

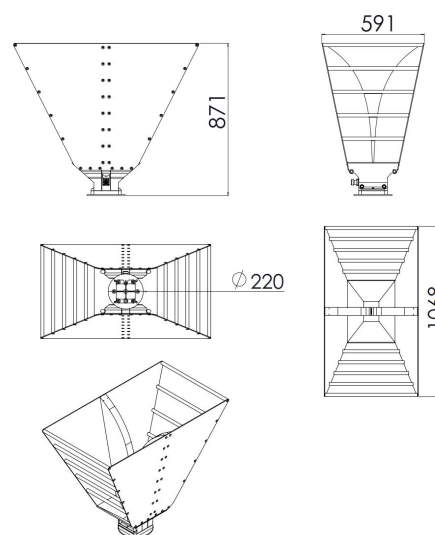
Uniform Gain

High Power Handling Capability

Radiation pattern contains only one main lobe over the entire frequency range

Each antenna is calibrated individually in line with ANSI C63.5-2006

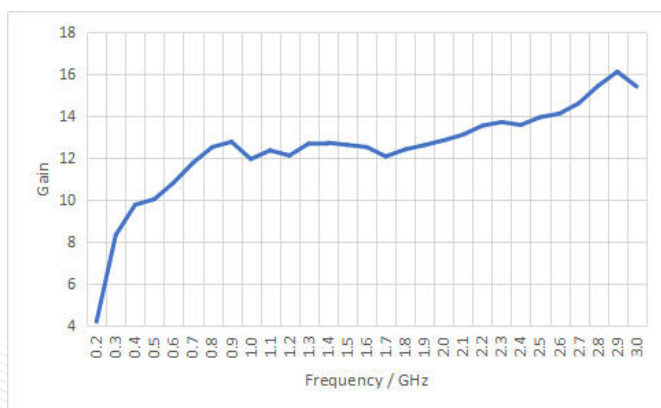
PRODUCT DIMENSIONS



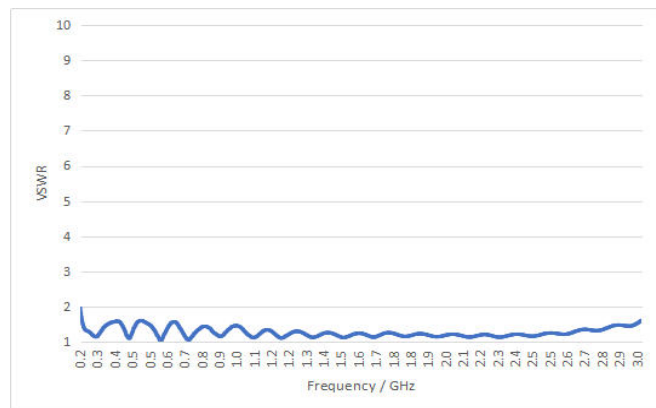
Electrical Specifications

Part Number	OBH-230
Type of Antenna	Dual-Ridge Horn
Frequency Range	0.2-3.0GHz
Gain	6-15dB
VSWR	<2.0
Polarization	Single Linear
Cross-Polar Discrimination	>45dB
Impedance	50Ohms

Gain

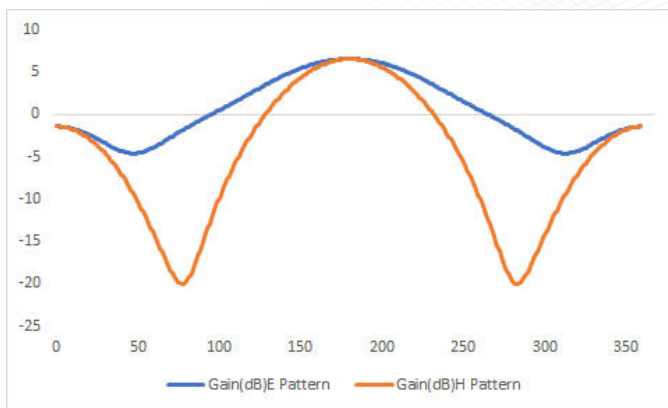


VSWR

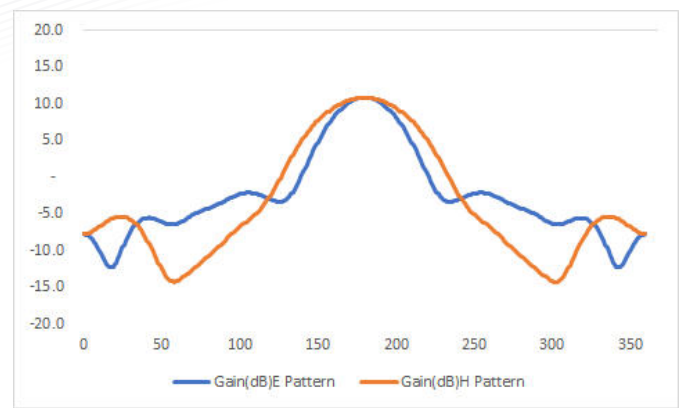




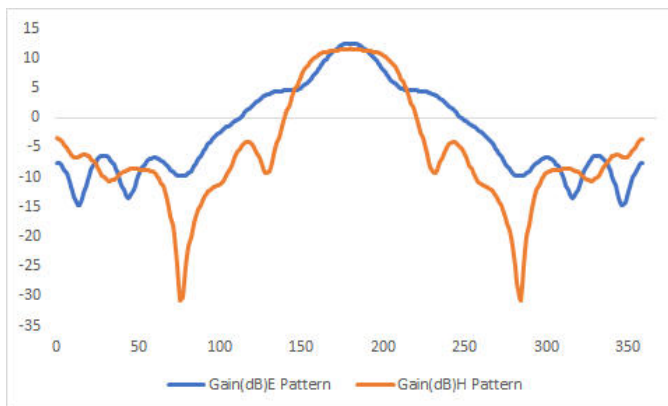
Frequency=0.2 GHz



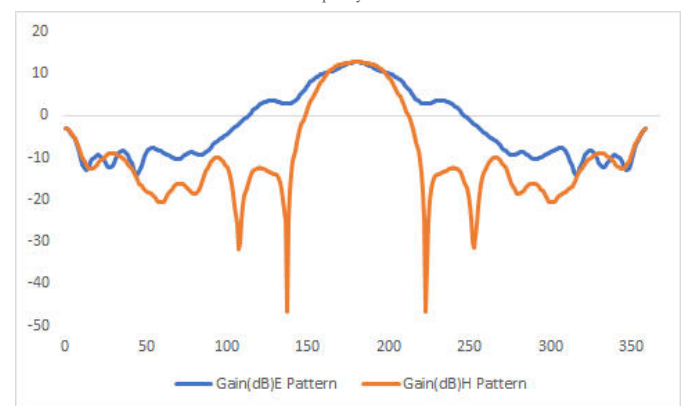
Frequency=0.6 GHz



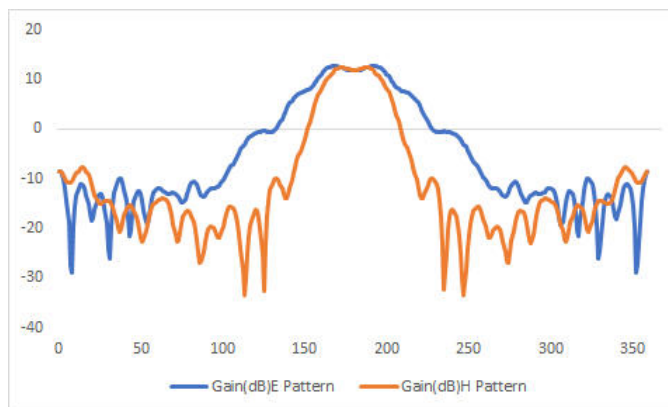
Frequency=1 GHz



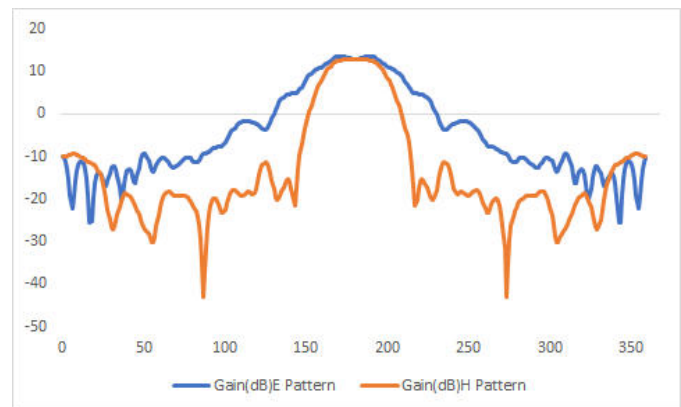
Frequency=1.4 GHz



Frequency=2 GHz



Frequency=2.4 GHz



Frequency=3 GHz

