

Broadband Horn Antenna

OBH-20320

OBH20320 double ridge horn antennas operate broadband from 2GHz to 32GHz. 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.

OBH20320 is calibrated individually in line with ANSI C63.5-2006, making the antennas ideal for EMC/RF measurements.

OBH20320'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 0.5kg and has rugged construction.



Features

Linear polarized with high polarization purity

RF frequency from 2GHz to 32 GHz

Low return loss / VSWR

Wide bandwidth

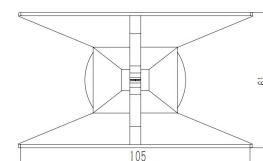
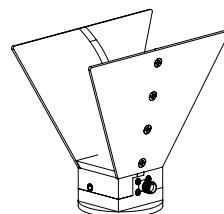
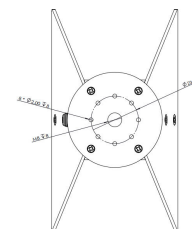
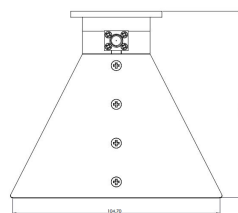
Uniform Gain

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

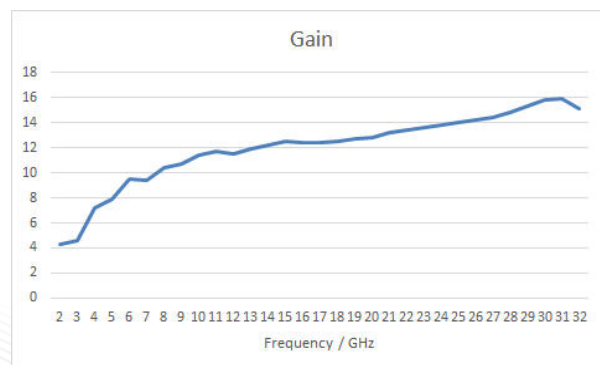
PRODUCT DIMENSIONS



Electrical Specifications

Part Number	OBH-20320
Type of Antenna	Dual-Ridge Horn
Frequency Range	2-32GHz
Gain	4-16dB
VSWR	<2.0
Polarization	Single Linear
Cross-Polar Discrimination	>45dB
Impedance	50 Ohms

GAIN



VSWR

