

Broadband Horn Antenna

OBH-20200-C

OBH-20200-C double ridge horn antennas operate broadband from 2GHz to 20GHz. 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.

OBH-20200-C is calibrated individually in line with ANSI C63.5-2006, making the antennas ideal for EMC/RF measurements.

OBH-20200-C's radiation pattern contains only one single main lobe over the entire frequency range without any other side lobes.

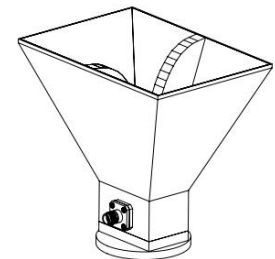
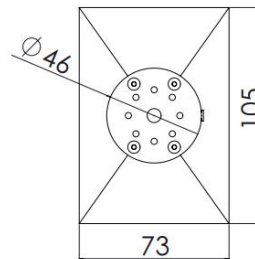
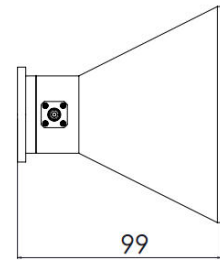
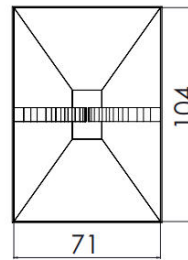
The antenna is low weight within 300g and has rugged construction.



Features

Linear polarized with high polarization purity
RFrequency from 2GHz to 20 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

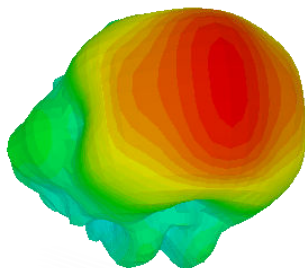
PRODUCT DIMENSIONS



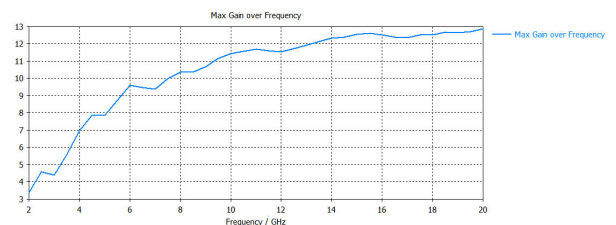
Electrical Specifications

Part Number	OBH-20200-C
Type of Antenna	Dual-Ridge Horn
Frequency Range	2-20GHz
Gain	6-15dB
VSWR	<2.0
Polarization	Single Linear
Cross-Polar Discrimination	>45dB
Impedance	50ohms

TYPICAL PATTERN



GAIN



VSWR

