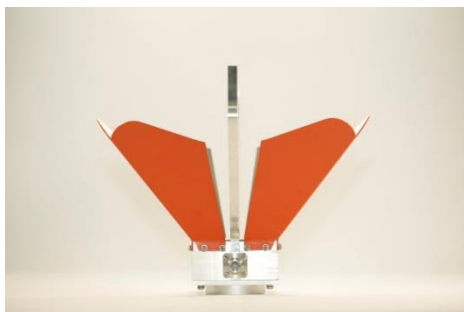




OBH08180

Features:



- Linear polarized with high polarization purity
- Frequency from 800 MHz to 18 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

Electrical Characteristics:

Part Number	Type of Antenna	Frequency Range	Gain	VSWR	Polarization	Cross-Polar Discrimination	Impedance
OBH-08180	Dual-Ridge Horn	0.8-18.0GHz	8-13dB	<2.7	Single Linear	>45dB	50Ohms

Description & Specification:

OBH08180 double ridge horn antennas operate from ultra-band from 800MHz to 18GHz The antenna supports linear polarized waveforms.

High gain and low VSWR permit the measurement of weak signals and the generation of high field strengths without any significant return loss.

OBH08180 antenna is calibrated individually in line with ANSI C63.5-2006, making the antennas ideal for EMC/RF measurements.

OBH08180's radiation pattern contains only a single main lobe over the entire frequency range.

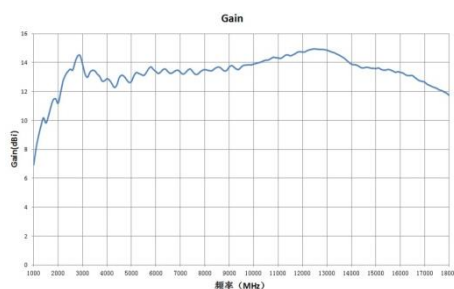
The antennas are low weight and with rugged construction.



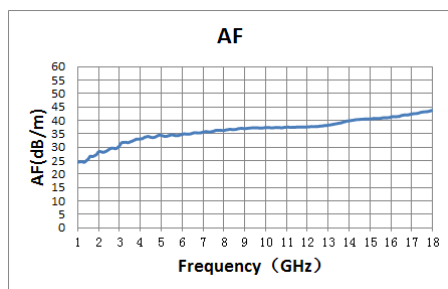
Applications:

- EMC/RF Measurements
- Detecting the Direction
- Surveillance
- Antenna Gain/Pattern Measurements

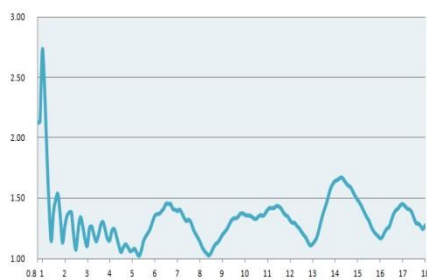
Gain:



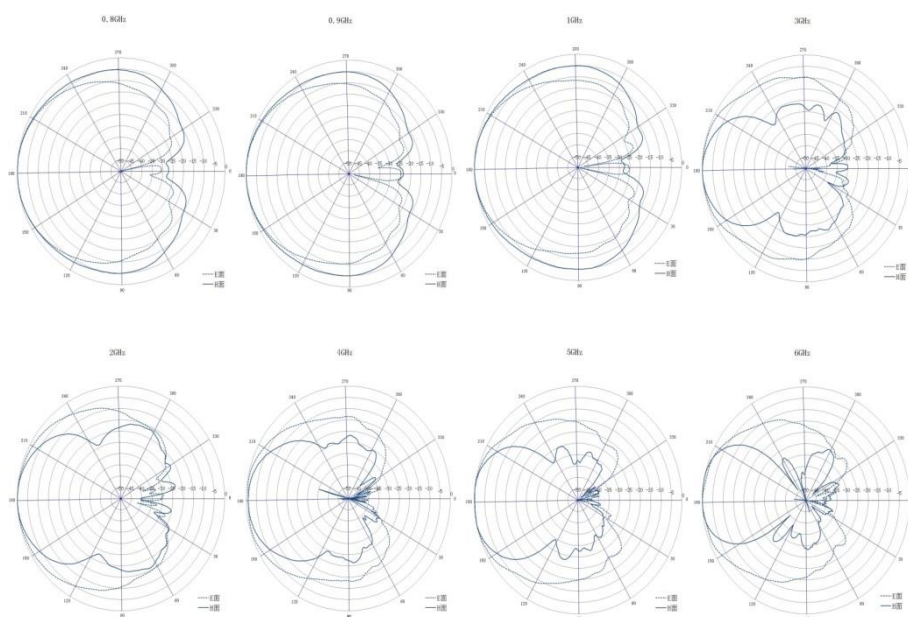
AF:



VSWR:



Pattern:





OBH-08180 Broadband Horn Antenna

