

# BROADBAND DUAL RIDGED HORN ANTENNA



## 0.2GHz to 3 GHz

Max power handling capability of 2000W with N  
and 3000W with DIN connector  
Covers both UHF and VHF frequency bands  
Ideal for applications requiring mobility and field  
deployments  
Reliable and durable in harsh environments  
Low VSWR and high Gain across frequency  
range  
Highly applicable across multiple industries

The OBH-230 Dual-Ridged Horn Antenna, is designed for superior performance across a wide RF frequency range. This broadband antenna ensures consistent signal strength with its stable gain and low VSWR, providing optimal power transmission and superior signal integrity. Its excellent design effectively suppresses higher-order modes, delivering clear and precise signals even in challenging RF environments. Highly suitable for broadcasting services, EMC testing, IoT devices and LPWAN communications like LoRa, Sigfox, and NB-IoT, which operate at these lower frequencies.

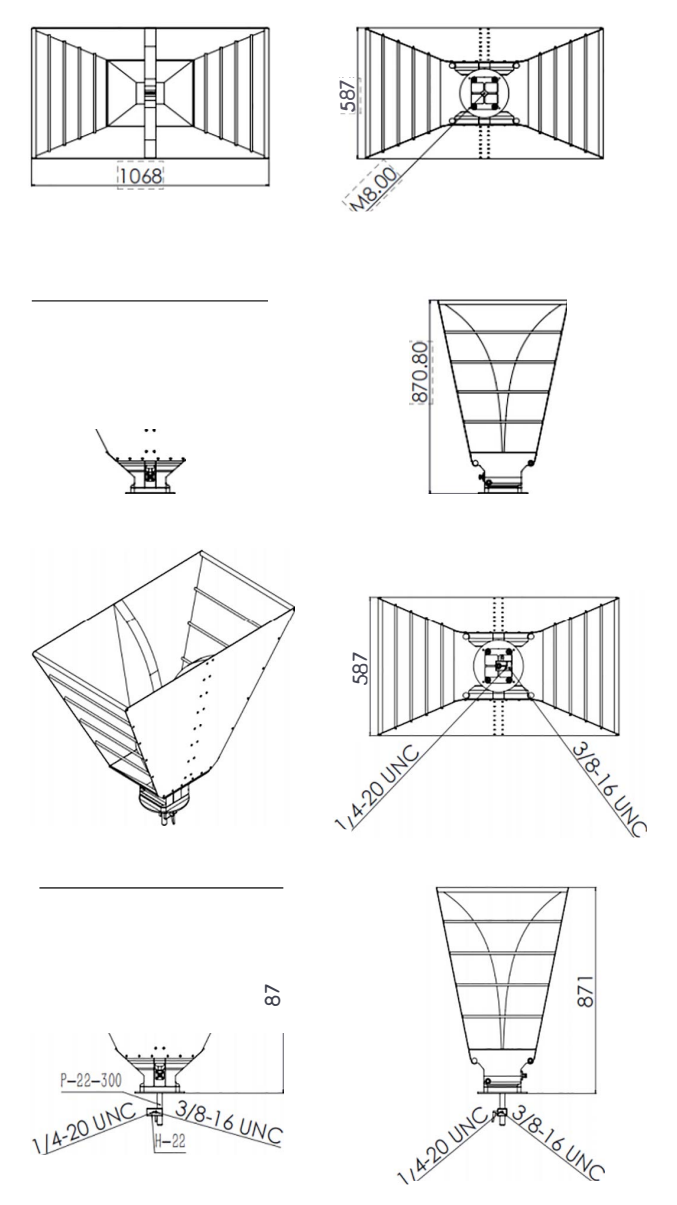
Electrical Specifications

Min. Frequency (GHz)	0.2
Max. Frequency (GHz)	3
Gain (dBi)	6-15
Polarization	Single Linear
Impedance(Ohm)	50
VSWR(Typ.)	1.5:1
Max.Power Handling	2000/3000W
Connector	N-Type/DIN-Type

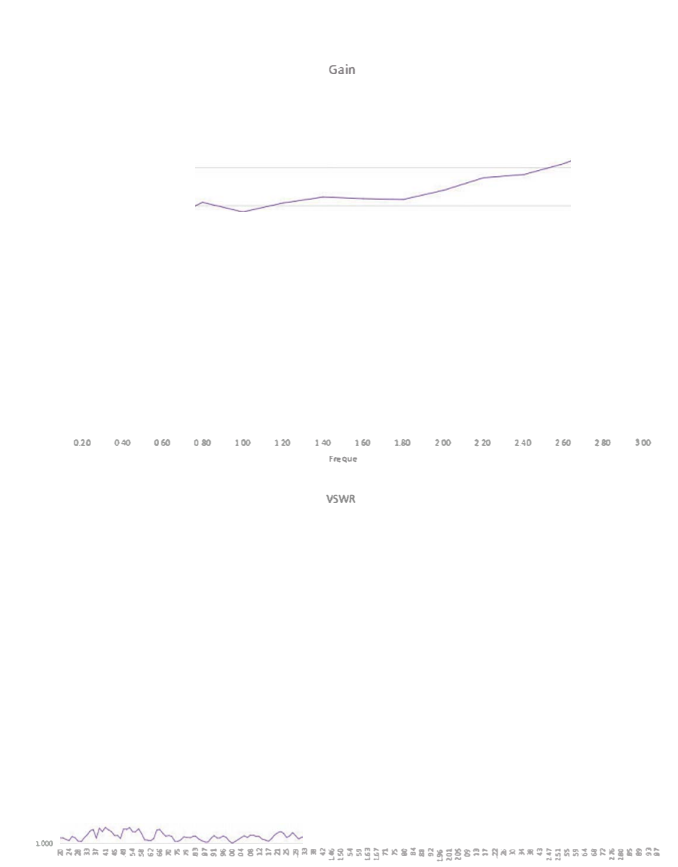
Mechanical Specifications

Weight	22.249kg
Dimensions	106.8 x 59.1 x 87.1cm
Package Weight	50Kg, Special Box
Package Dimension	117x 70 x 100cm

Product Dimensions

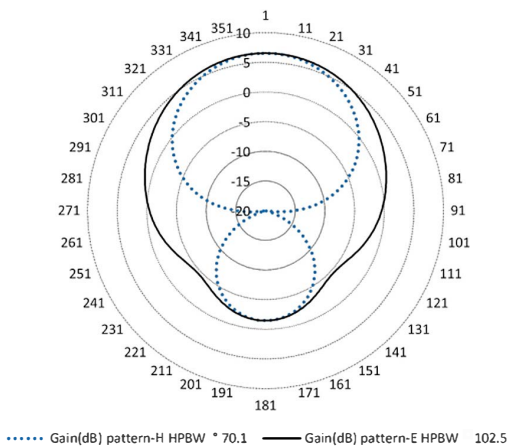


Plots

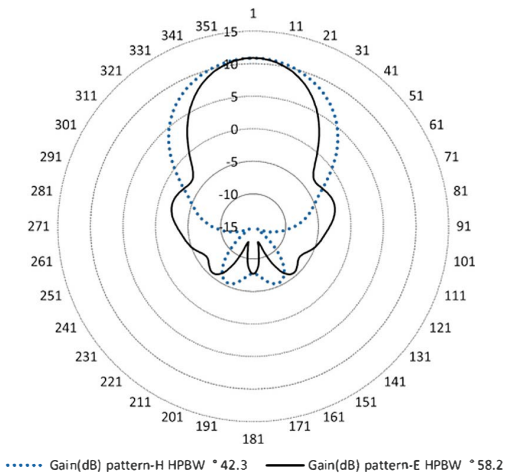


# Patterns

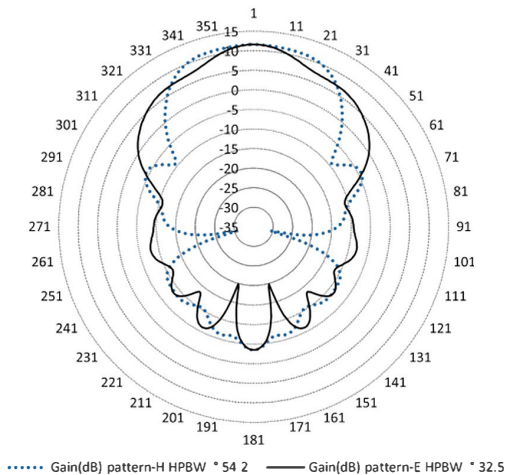
0.2GHz



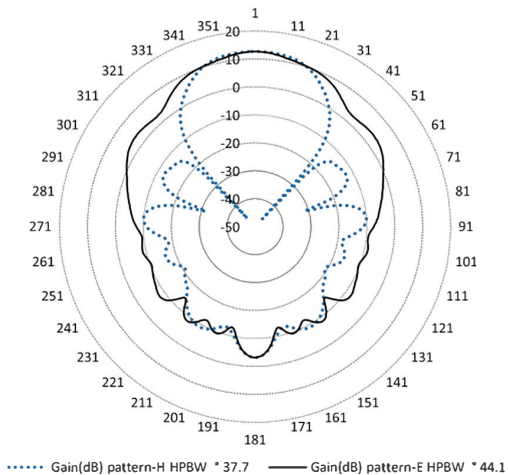
0.6GHz



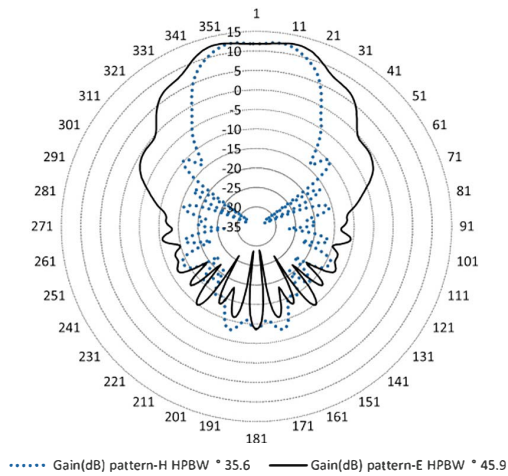
1GHz



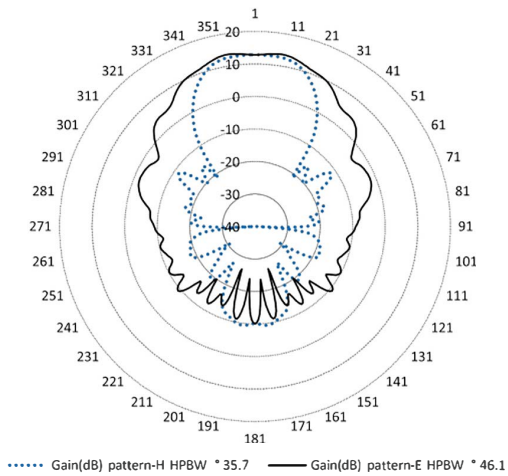
1.4GHz



2GHz



2.4GHz



3GHz

