

BROADBAND DUAL RIDGED HORN ANTENNA



5.8GHz to 20GHz

High power handling capability of 500W with N-Type connector
Directional beam, expanding signal coverage and transmission distance
Provides reliable connectivity in diverse environments
Highly effective across multiple industries
Excellent gain across the frequency range
Without the waveguide to coaxial adapter, it can handle upto 1500W

The OBH-580D-20 is designed to be highly versatile, covering a broad frequency range from 5.8GHz to 20GHz. With a perfect dual-ridge waveguide design, ensures excellent gain performance and enhances both signal receiving and transmission capabilities. It also exhibits a low VSWR value below 2.0, indicating superior signal matching and minimal reflection loss, resulting in efficient signal transmission. Applicable in wireless communication systems, including WiFi networks, Radar applications, air traffic control, Weather forecasting, surveillance and scientific research.

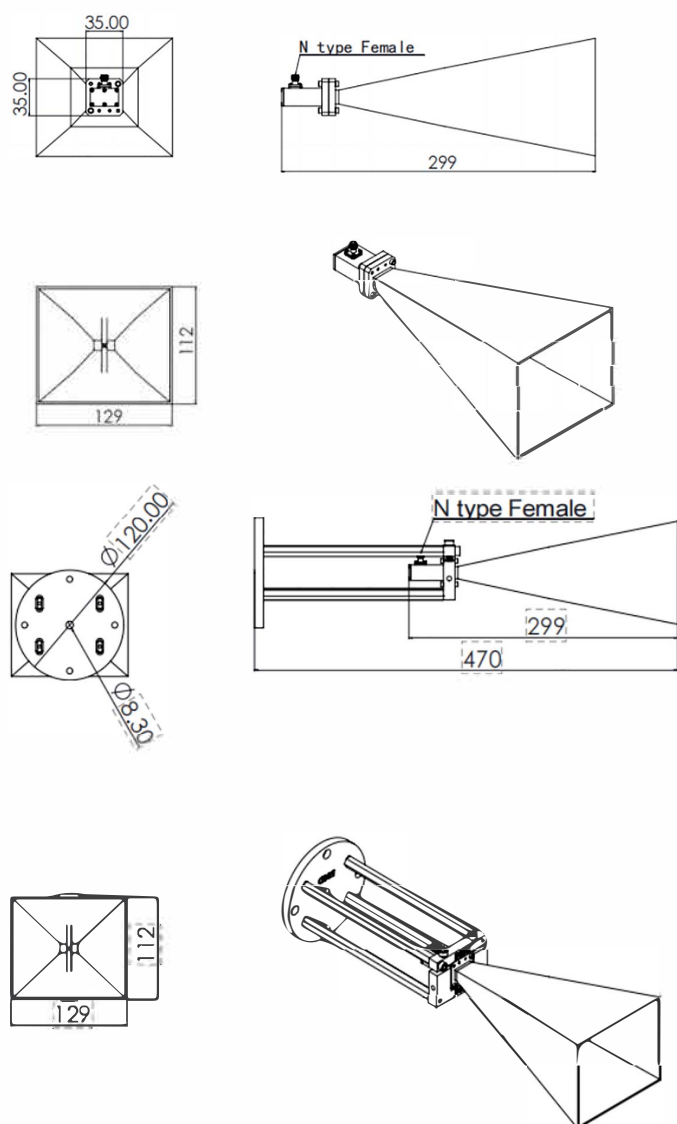
Electrical Specifications

Min. Frequency (GHz)	5.8
Max. Frequency (GHz)	20
Gain (dBi)	17-23
Polarization	Single Linear
Impedance(Ohm)	50
VSWR(Typ.)	1.5:1
Max.Power Handling	500
Connector	N-Type

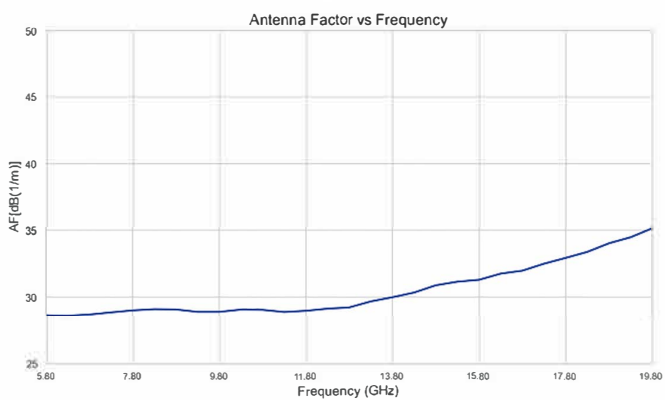
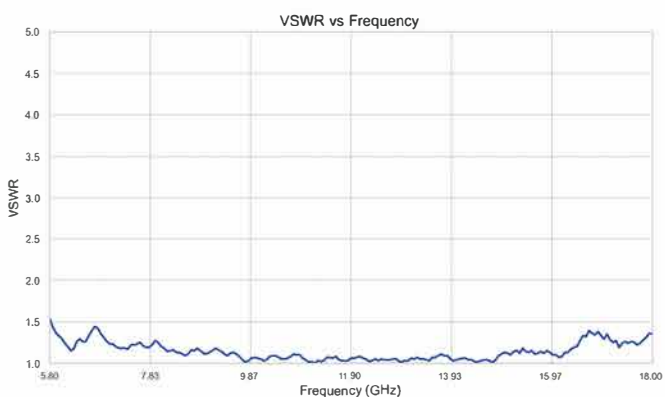
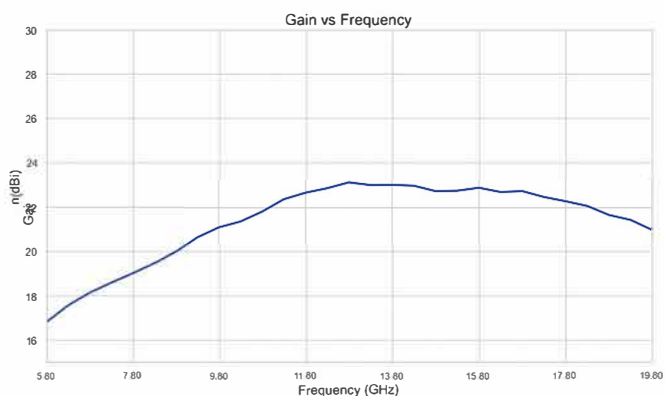
Mechanical Specifications

Weight	0.58kg
Dimensions	29.9 x 12.9 x 11.2cm
Package Weight	2.1Kg
Package Dimension	24.5 x 19.5 x 40.7 cm

Product Dimensions



Plots



Patterns

