

### WEIBONUO COMMUNICATION

### 30dBi 5.8GHZ Grid Parabolica Antenna

Model: WBNPB-5800VH30L0609

#### Electrical Specifications

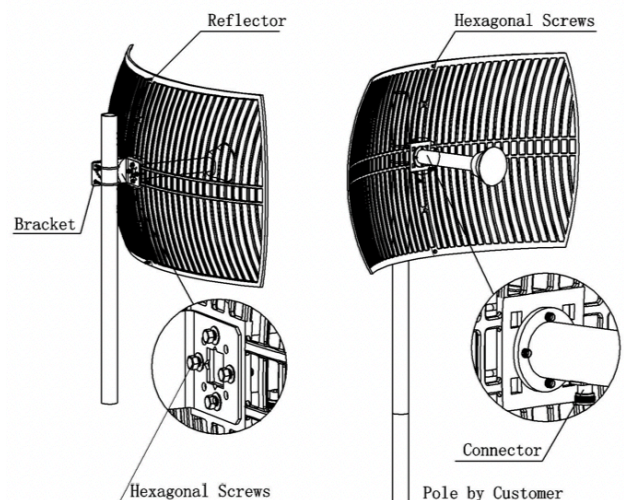
Frequency Range	5150-5850MHz
Bandwidth	700MHz
Gain	30dBi
VSWR	≤1.5
Polarization	Vertical or Horizontal
Horizontal Beamwidth	3.5°
Vertical Beamwidth	5°
F/B Ratio	≥25
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Ground



#### Mechanical Specifications

Connector	N Female
Weight	5.0kg
Dimensions	0.6X0.9m
Reflector Material	High Precise Grid Reflector UV-Coated Aluminium Alloy
Operating Temperature	-40°C to +55°C
Mounting Hardware	Φ40~Φ50mm

\* The products and specifications described in this document are subject to change without notice.



#### Installation Methods:

1. Assemble two pieces of reflectors symmetrically
2. Install the feedhorn on the reflector. Make sure the polarization mark arrow direction on the feedhorn accords with the grid direction. When the arrow direction and the grid direction are both vertical to the ground, the antenna is vertically polarized. When the arrow direction and the grid direction are both parallel to the ground, the antenna is horizontally polarized.
3. Install the L bracket on the back of the reflector then install the antenna on the mast supplied by the customer according to the sketch.
4. Use equipments to the test the receiving signal. Tune the antenna azimuth angle and pitching angle to make the antenna receive best signal. Fasten all the screws and seal the connector which connects the antenna and cable.