

WEIBONUO COMMUNICATION

29.5dBi 5.8GHZ Grid Parabolica Antenna

Model: WBNPB-5800VH29L0609

Electrical Specifications

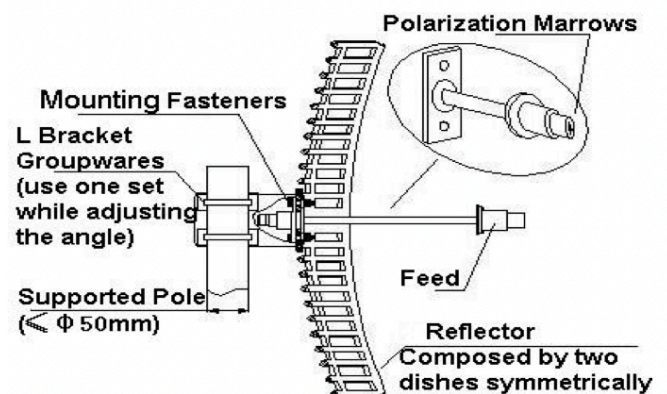
Frequency Range	5150-5850MHz
Bandwidth	700MHz
Gain	29.5dBi
VSWR	≤ 1.5
Polarization	Vertical or Horizontal
Horizontal Beamwidth	4°
Vertical Beamwidth	6°
F/B Ratio	≥ 25
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Ground



Mechanical Specifications

Connector	N Female
Weight	4.50kg
Dimensions	0.6X0.9m
Reflector Material	Aluminum Die Cast Grid UV Stable Coat Finish
Operating Temperature	-40°C to +55°C
Mounting Hardware	$\phi 40 \sim \phi 50 \text{mm}$

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



Installation Methods:

1. Combine two dishes symmetrically to compose a parabolic groupware.
2. Install the feed to the dish as per the sketch, ensure that the direction of the "polarization arrow" on the feed is the same with the direction of the grid. When the direction of the arrow and the grid are both vertical with the ground, the antenna is in vertical polarization state. When the direction of the arrow and the grid are both horizontal with the ground, the antenna is in horizontal polarization state.
3. Install the L bracket to the dish, then place the antenna to the supported pole as per the sketch.
4. Test the receiving signal by instruments, adjust the azimuth angle and the pitching angle to enlarge the receiving signal. Tighten all the nuts and seal the connector for joining the antenna and the feed.