



5.8 GHz Grid parabolic dish Antennas

Frequency:5725-5850MHz, gain:30dBi 27dBi 24dBi , The grid parabolic dish Antenna features excellent front to back ratio. It is ideally suited for long-range highly directional 5.8GHz ISM and UNII band applications. These antennas are ideal for point to point systems, point to multi-point and wireless bridges.

This antenna's construction features a rust-proof die cast aluminum reflector grid for superior strength and light weight. This antenna's 2-piece reflector grid is simple to assemble and significantly reduces shipping costs. The grid surface is UV powder coated for durability and aesthetics. The open-frame grid design minimizes wind loading.

The antenna is supplied with a 60 degree tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment. It can be adjusted up or down from 0 to 60deg.

Features:

- Excellent front to back ratio
- Die-cast aluminum construction
- UV stable light gray powder coat finish
- Easy to assemble
- All weather operation

Applications :

- 5.8GHz UNII applications
- 5.8GHz ISM applications
- 5.8GHz Wireless LAN systems
- Long-range Directional Applications
- Point to Point, Point to Multi-point Sys



ZDAGP5800-30-6



ZDAGP5800-27-9

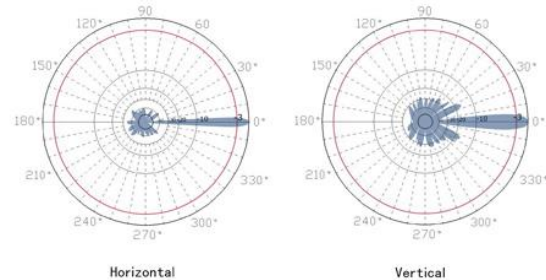


ZDAGP5800-24-12

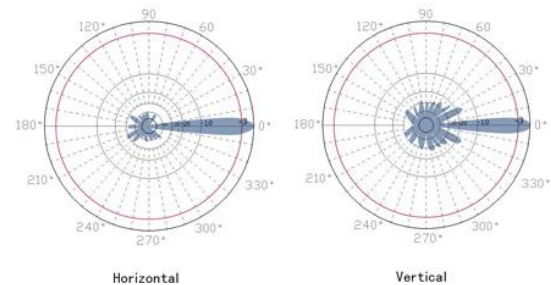


5.8 GHz Gird parabolic dish Antennas

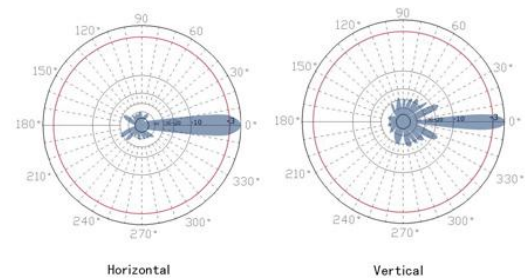
5725-5850MHz Gird parabolic dish antenna series specifications			
Model	ZDAGP5800-30-6	ZDAGP5800-27-9	ZDAGP5800-24-12
Frequency Range	5725-5850MHz	5725-5850MHz	5825-5850MHz
Gain	30dBi	27dBi	24dBi
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Horizontal Beam Width	6°	9°	12°
Vertical Beam Width	4°	6°	9°
VSWR	<1.5	<1.5	<1.5
Front to back radio	>30dB	>26dB	>20dB
Input Impedance	50 ohm	50 ohm	50 ohm
Input Maximum Power	200 W	200 W	200 W
Lightning Protection	DC Ground	DC Ground	DC Ground
Connector	N female or customized	N female or customized	N female or customized
Size	23.62 x 35.43inches (600 x 900 mm)	23.62 x 15.7 inches (600 x 400 mm)	11.8 x 15.7 inches (300 x 400 mm)
Antenna Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Radiating Electrical Material	Cu	Cu	Cu
Antenna Structure	Two piece design	Two piece design	
Operating Temperature	-40to 85° C (-40to 185° F)	-40to 85° C (-40to 185° F)	-40to 85° C (-40to 185° F)
Diameter of Installation Pole	1.2-2.3in. (30-60 mm)	1.2-2.3in. (30-60 mm)	1.2-2.3in. (30-60 mm)
Weight	7.7 lbs. (3.5 kg)	5.72 lbs. (2.6 kg)	3.96 lbs. (1.8 kg)
Wind Loading:			
100MPH	80lb.	50lb.	25lb.
120MPH	116lb.	82lb.	37lb.



ZDAGP5800-30-6 Patterns



ZDAGP5800-27-9 Patterns



ZDAGP5800-24-12 Patterns