



## 5GHz wide band grid parabolic dish Antennas

**Frequency:5150-5850MHz, gain:30dBi 27dBi** , The grid parabolic dish Antenna features excellent front to back ratio. It is ideally suited for directional applications, point to point systems . It is ideally suited for 802.11a wireless LAN equipment for the 5150-5850MHz wide band.

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.



ZDAGP5159-30-6



ZDAGP5159-27-9

### Applications :

- 5.8GHz UNII,ISM, applications
- 5150-5850MHz Wireless LAN systems
- Point to Point, Point to Multi-point System
- 5.4 GHz Band Applications
- Unlicensed European 5.4 GHz Band Applications
- WiFi Systems
- Radio Local Area Networks (RLAN)
- Wireless Bridges

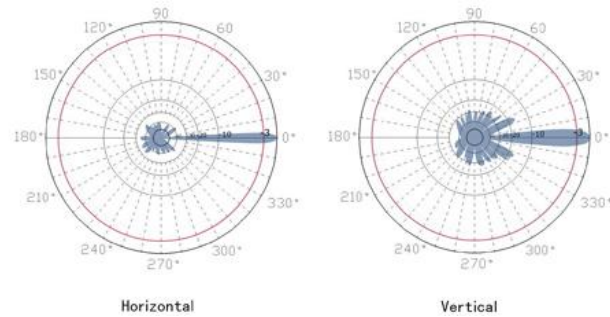
### Features:

- 5150-5850MHz wide band
- Excellent front to back ratio
- Die-cast aluminum construction
- UV stable light gray powder coat finish
- Easy to assemble
- All weather operation

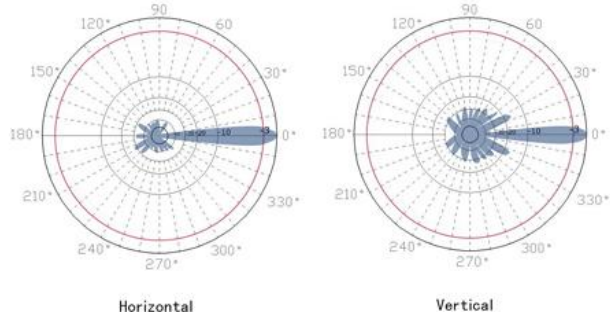


**5GHz wideband Grid parabolic dish Antennas**

5150-5850MHz grid parabolic dish antenna series specifications		
<b>Model</b>	ZDAGP5159-30-6	ZDAGP5159-27-9
<b>Frequency Range</b>	5150-5850MHz	5150-5850MHz
<b>Gain</b>	30dBi	27dBi
<b>Polarization</b>	Vertical or Horizontal	Vertical or Horizontal
<b>Horizontal Beam Width</b>	6°	9°
<b>Vertical Beam Width</b>	4°	6°
<b>VSWR</b>	<1.5	<1.5
<b>Front to back ratio</b>	>30dB	>26dB
<b>Input Impedance</b>	50 ohm	50 ohm
<b>Input Maximum Power</b>	200 W	200 W
<b>Lightning Protection</b>	DC Ground	DC Ground
<b>Connector</b>	N female or customized	N female or customized
<b>Size</b>	23.62 x 35.43inches (600 x 900 mm)	23.62 x 15.7 inches (600 x 400 mm)
<b>Antenna Material</b>	Aluminum Alloy	Aluminum Alloy
<b>Radiating Electrical Material</b>	Cu	Cu
<b>Antenna Structure</b>	Two piece design	Two piece design
<b>Operating Temperature</b>	-40to 85° C (-40to 185° F)	-40to 85° C (-40to 185° F)
<b>Diameter of Installation Pole</b>	1.5" (38mm) to 3" (76mm) dia.	1.5" (38mm) to 3" (76mm) dia.
<b>Weight</b>	7.7 lbs. (3.5 kg)	5.72 lbs. (2.6 kg)
<b>Wind Loading:</b>		
<b>100MPH</b>	80lb.	50lb.
<b>120MPH</b>	116lb.	82lb.



ZDAGP5159-30-6 Patterns



ZDAGP5159-27-9 Patterns