



**W5G-30D-DP / W5G-30DPC-DP / W5G-34DPC-DP**

*Wideband Parabolic Dish Antennas 4.95-5.85GHz*

The Parabolic Dish Antennas offered by AIRNET are constructed of high quality aluminum coated with a powder paint finish for excellent mechanical, electrical and environmental performance. The parabolic reflector is made with a special one-step molding technology which gives it an excellent consistency and long term stability.

The Parabolic Dish Antennas come complete with brackets which also are constructed of aluminum and powder coat paint for pole mount applications. Because of its superb electrical performance and mechanical stability, the Parabolic Dish Antennas can be used in a wide variety of high performance 4.95-5.85GHz wireless applications.

### Main Features:

- High gain 30 dBi and 34 dBi models available
- Dual polarization vertical and horizontal
- Aluminum construction for reflector and bracket
- All corrosion-resistant materials, galvanized and stainless steel hardware
- Fine azimuth and tilt adjustment
- Type 2-N female connectors
- Rugged, lightweight, and waterproof

### Applications:

- 5.8GHz ISM band applications
- 5.3GHz UNII band applications
- 5.47-5.72GHz European band applications
- A802.11a/n/ac wireless applications
- 4.9GHz public safety band applications
- Wimax backhaul applications
- Long distance backhaul links
- Point to point links
- Building to building high speed links

## Specification:

Product Code	W5G-30D-DP	W5G-30DPC-DP	W5G-34DPC-DP
<b>Electrical Specifications</b>			
Gain	30 dBi		34 dBi
Frequency Range	4.95 GHz a 5.85 GHz		
Polarization	Dual Polarity: Vertical and Horizontal		
VSWR	Typical: < 1.5; Maximum: 2		
Front to Back Ratio	> 35 dB		> 40 dB
Isolation	> 30 dB	> 28 dB	
Maximum Input Power	100 Watts		
Beamwidth Horizontal	5°		3.5°
Beamwidth Vertical	5°		3.5°
Impedance	50 Ohms		
Lightning Protection	Direct Ground		
<b>Mechanical Specifications</b>			
Diameter	0.6 m		0.9 m
Weight	5 kg		6 kg
Pole Diameter	30 - 80 mm		50 - 100 mm
Bracket Material	Aluminum		
Bracket Type	Standard		Reinforced
Reflector Material	Aluminum		
Connector Type	2-N Female		
Mechanical Tilt	0 - 20°C		0 - 25°C
Operating Temperature	-40°C a 70°C		
Operating Humidity	95%		

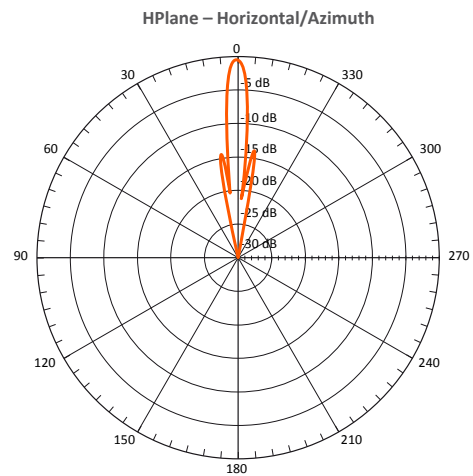
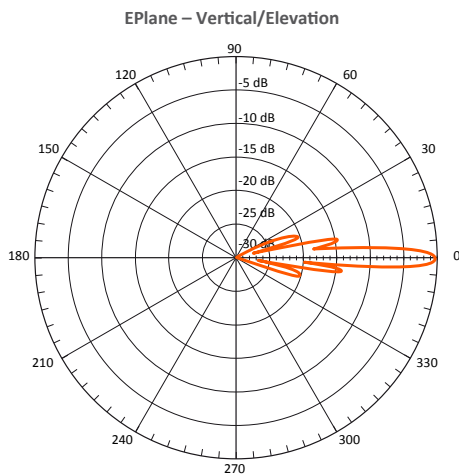
## Gallery:



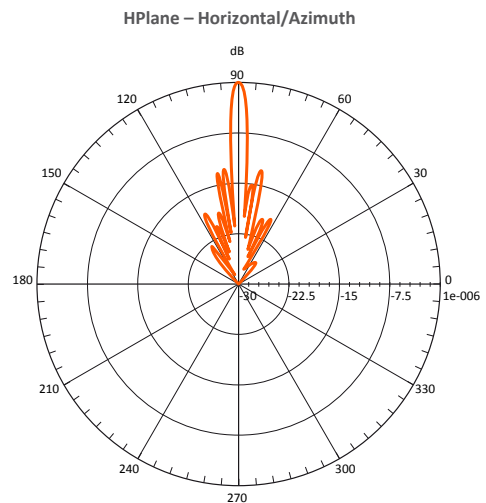
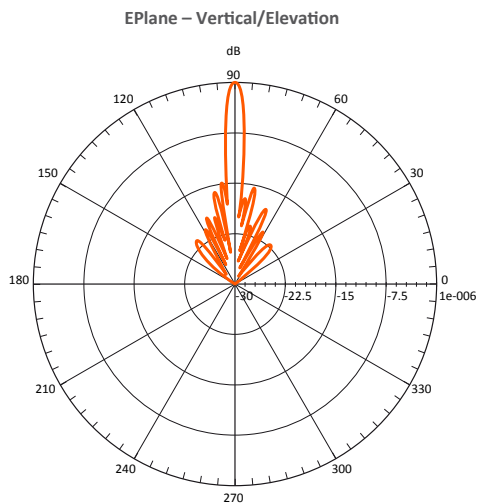
**Note:** Both W5G-30DPC-DP and W5G-34DPC-DP have same form factor but different diameter sizes. Please, check specifications.

## Antenna Radiation Patterns:

W5G-30D-DP y W5G-30DPC-DP



W5G-34DPC-DP



## Ordering Information:

- **W5G-30D-DP** Parabolic Dish Antenna 4.95-5.85GHz 30dBi Dual Polarity with Standard Bracket
- **W5G-30DPC-DP** Parabolic Dish Antenna 4.95-5.85GHz 30dBi Dual Polarity with Reinforced Bracket
- **W5G-34DPC-DP** Parabolic Dish Antenna 4.95-5.85GHz 34dBi Dual Polarity with Reinforced Bracket
- **W5G-30RADOME** Radome Cover for 30dBi Parabolic Dish Antenna
- **W5G-34RADOME** Radome Cover for 34dBi Parabolic Dish Antenna