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# PH-58

## 5.8 GHz Parabolic Antenna

### 29 dBi

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#### Superior Performance

The 5.8GHz High-Performance Parabolic Antenna is ideal for directional 5.8GHz ISM / UNII band applications. It features 29 dBi with a 6° beam-width. This antenna can be oriented for either vertical or horizontal polarization.

#### Rugged and Weatherproof

The reflector dishes of these antennas are constructed from high quality aluminum which gives them superior strength. The dish is coated in a light gray UV-inhibited polymer for durability and aesthetics. The small diameter of the dish helps minimize wind loading.

These antennas are supplied with a 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 30°.



Electrical and Mechanical Specifications	
Frequency	5725 - 5875 MHz
Gain	29 dBi
Polarization	Horizontal or Vertical
Horizontal Beam Width	6 degrees
Vertical Beam Width	6 degrees
Connector	N Female
VSWR	< 1.5:1 avg.
Front to Back Ratio	35 dB
Impedance	50 Ohm
Max. Input Power	50 Watts
Weight	13.2 lbs. (6 kg)
Dimensions	23.6" (600 mm)
Mounting	1.5" (38mm) to 3" (76mm) dia. masts
Lighting Protection	DC Ground
Operating Temperature	-40° C to to 85° C(-40° F to 185° F)

## RF Antenna Gain Patterns

