



QP - A058G22 series

Wireless LAN Grid Antenna

Features

- 22 dBi gain
- Superior performance
- Cast aluminum construction
- UV stable light gray powder coat finish
- All weather operation
- Easy to assemble
- RoHS Compliant

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 Systems
- Wireless Bridges
- Backhaul Applications
- Wireless Video Systems

Band Reflector Grid
5.8 GHz; 22 dBi

Description

The QP-A058G22 High-Performance Reflector Grid Wi-Fi Antenna is ideal 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. Its compact design makes it nearly invisible in most installations, and it can be installed for either vertical or horizontal polarization.

The antennas' construction features a rust-proof cast aluminum reflector grid for superior strength and light weight. The 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.

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

Wind Loading Data

Wind Speed (MPH)	Loading
100	10 lb.
120	15.6 lb

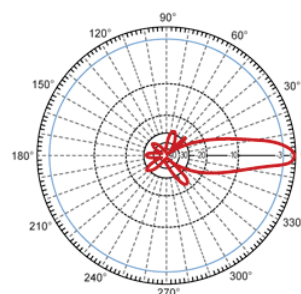




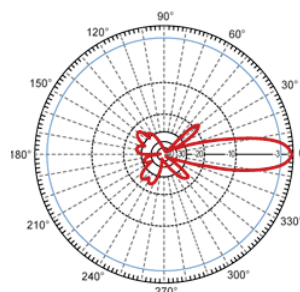
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RF Antenna Patterns



Vertical



Horizontal

Specifications

Electrical Specifications

Frequency	5725-5850 MHz
Gain	22 dBi
Polarization	Horizontal or Vertical
Horizontal Beam Width	10°
Vertical Beam Width	13°
Front to Back Ratio	25 dB
Impedance	50 Ohm
Max. Input Power	100 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

Available Models

Model	Connector
QP-A058G22-NF	N-Female

Physical Specifications

Weight	3.0 lbs. (1.4 kg)
Mounting	2 in. (50.8mm) diameter mast max.
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes

