



## Wireless 4.9 to 6 GHz - 27dBi High Performance Die Cast Aluminum Reflector Grid Antenna Grid - Model: **P2Q-4960-27G**

### Features

- Superior Performance
- UV Stable Light Gray Powder Coat Finish
- All Weather Operation
- Light weight cast aluminum construction
- Two-piece design

### Applications

- 4.9 to 6 GHz Wireless LAN Systems
- 5.8 GHz UNI and ISM Applications
- Long-Range Directional Applications
- Point to Point, Point to Multi-Point Systems
- Wireless Bridges and Backhaul Applications



**Model: P2Q-4960-27G**



### Description

#### Superior Performance

The High-Performance Reflector Grid Wi-Fi Antenna is ideal for long-range highly directional 4.9 / 5.1 / 5.3 / 5.8 / 6.0 GHz; 802.11a/n 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.

#### Rugged and Weatherproof

The antennas' construction features a die cast aluminum reflector grid for superior strength and lightweight. 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.



#### **Tilt & Swivel Mast Mount:**

This antenna is supplied with a 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°.

## Specifications

### Mechanical Specifications

Connector	1 x N Female
Weight	2.91 lbs. (1.3 kg)
Grid Dimensions	16.5" x 24.8" (400mm x 600 mm)
Mounting Mast Diameter	1.2" x 2.0" (30-50 mm)

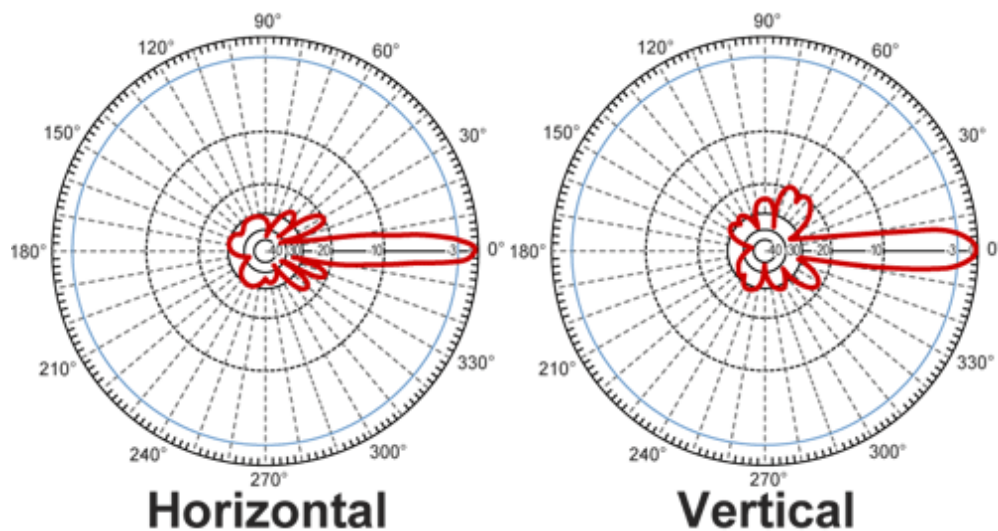
### Electrical Specifications

Frequency:	4900-6050 MHz
Gain:	27dBi
Horizontal Beam width:	6.5°
Vertical Beam width:	10°
Polarization:	Vertical or Horizontal
Impedance:	50 Ohm
F/B Ratio:	25dB
Max. Input Power:	100 Watts
VSWR:	< 1.5:1 / Max:2.0
Lightning Protection:	DC Ground

### Wind Loading Data

Wind Speed (MPH)	Loading
100	20.0 lb.
120	31.0 lb.

### RF Antenna Patterns



### Shipment Data:

Packing Qty : 1 Pcs / Carton

Dimension: Carton Size: ( 45 x 35 x 10 ) cm - Weight: 1.9 Kg