



## High Performance Omnidirectional 5.8 GHz; 12 dBi

### Description

The QP-AO58O12 is a professional high gain omni-directional base station WiFi antenna designed and optimized for the 5.8GHz ISM and UNII band. This antenna is ideally suited for multipoint applications where long range and wide coverage is desired.

The QP-AO58O12 construction features a heavy duty fiberglass radome for durability and aesthetics. Designed to operate in the harshest of environments, the QP-AO58O12 far exceeds other omni-directional antennas. The included mounting system features heavy-duty mast clamps, allowing installation on masts from 1.4 inches (35 mm) up to 2.0 inches (50 mm) diameter.

## QP - AO58O12 series

Wireless LAN Onmi Antenna

### Features

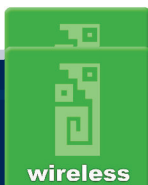
- Superior performance
- Heavy duty industrial grade design
- All weather operation
- DC Ground lightning protection
- Supplied with mast mounting kit
- RoHS Compliant

### Applications

- 5.8GHz UNII applications
- 5.8GHz ISM applications
- 5.8GHz Wireless LAN systems
- WiFi
- Wireless Video Systems
- Multipoint Applications

#### Available Models

Model	Connector
QP-AO58O12-NF	N-Female

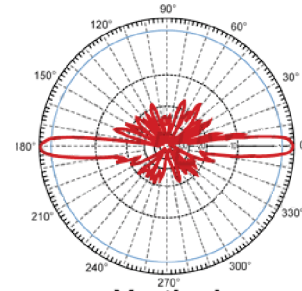




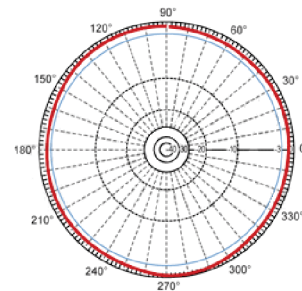
## QP - A058012 series

Wireless LAN Onmi Antenna

### RF Antenna Patterns



Vertical



Horizontal

### Specifications

#### Electrical Specifications

Frequency	5725-5850 MHz
Gain	12 dBi
Polarization	Vertical
Horizontal Beam Width	360°
Vertical Beam Width	6°
Downtilt	0°
Impedance	50 Ohm
Max. Input Power	150 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

#### Physical Specifications

Weight	1.5 lbs. (0.7 kg)
Length	24.9 in. (0.7 m)
Base Diameter	2.28 in. (57.9mm)
Radome Diameter	2.04 in. (51.8mm)
Radome Material	Fiberglass
Mounting	1.4 in. (35mm) to 2.0 in. (50mm) dia mast
Rated Wind Velocity	137 MPH/S (220Km/s)
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes

