



ISM/UNII Band
5.8 GHz; 17 dBi

QP - A058S17-90

90 Degree Sector Panel Wireless Antenna

Features

- Superior Performance
- Light Weight
- All weather operation
- Compact Size
- DC Ground lighting protection
- Integral N- female Connector
- Supplied with a tilt and swivel mast mount kit
- RoHs Compliant

Applications

- 5.8 Ghz UNII applications.
- 5.8 Ghz ISM applications.
- 5.8 Ghz Wireless LAN Systems
- WiFi.
- Wireless Internet Provider "cell" sites.

Description

Superior Performance

The QPCOM QP-A058S17-90 Sector Panel WiFi Antenna combines high gain with 90° beam-width. It is a professional quality "cell site" antenna designed primarily for service providers in the 5.8 Ghz USM and UNII band.

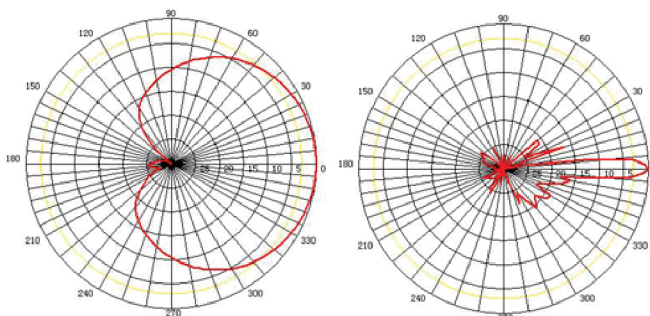
Rugged and Weatherproof

This antenna features a heavy-duty plastic radome for all-weather operation. The QP-A058S17-90 Antenna is supplied with a tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment.

Ideal for Wireless Internet "Cell" Sites

This RF Antenna is an ideal choice for Wireless Internet Provider "cell" sites since the cell size can be easily determined by adjusting the down-tilt angle. Horizontal coverage is a full 90 degrees.

RF Antenna Patterns



Horizontal

Vertical





QP - A058S17-90

90 Degree Sector Panel Wireless Antenna

Specifications

Electrical Specifications

Frequency	5725 - 5850 MHz
Gain	17 dBi
Horizontal Beam Width	90 Degrees
Vertical Beam Width	8 Degrees
Impedance	50 Ohm
Max. Input Power	100 Watts
Front to Back Ratio	> 25 dB
VSWR	< 1.5:1 avg
Lighting Protection	DC Ground
Connector	N Female

Mechanical Specifications

Weight	2,2 lbs. (1Kg)
Dimesions	14,5 x 6,7 x 2,5 inches (370 x 170 x 65 mm)
Randome Material	UV-Inhibited Polymer
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Mounting	2 Inch (50.8 mm) O.D pipe max.
Polarization	Vertical
Down Tilt (mech)	0 to 20 Degrees (adjustable)
RoHS Compliant	Yes

Wind Loading Data

Wind Loading	Front Surface	Side Surface
Area	0.67 sq. ft. (.62 sq. meters)	0.25 (.023 sq. meters)
@ 100 mph (161 KPH)	22 lbs. (10 Kg)	8 lbs. (3,6 Kg)

