



QP - AO24P14

Wireless LAN Panel Antenna

High Performance Panel
2.4 Ghz; 14dBi

Description

The QP-AO24P14 is a high performance directional flat patch WiFi antenna suitable for indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth®, and public wireless hotspots. This WiFi antenna is lightweight and features an aesthetic UV-stable, UL flame rated white plastic radome which can also be painted to match the room or building structure.

The QP-AO24P14 can be installed for horizontal or vertical polarization. It can be wall or ceiling mounted, as well as mast-mounted using U-bolts.

Features

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g Wireless LAN
- IEEE 802.11n (Pre-N, Draft-N, MIMO)
- Superior performance
- Light weight
- Durable UV stable, UL Flame rated radome
- Low loss solid brass elements
- DC Short lightning protection
- 12 inch coax lead
- Can be installed for either vertical or horizontal polarization
- Optional mounting brackets available

Applications

- Bluetooth
- WiFi Systems
- Public Wireless Hotspot
- Wireless Video Systems

Available Models

Model	Connector
QP-AO 24 P 14 -N F	N-Female
QP-AO 24 P 14 -N M	N-Male
QP-AO 24 P 14 -T F	TNC -Female
QP-AO 24 P 14 -T M	TNC -Male
QP-AO 24 P 14 -S M	SMA-Male
QP-AO 24 P 14 -U M	UH F-Male
QP-AO 24 P 14 -R TP	Reverse Polarity NTC Plug
QP-AO 24 P 14 -R TJ	Reverse Polarity NTC Jack
QP-AO 24 P 14 -R NP	Reverse Polarity N Plug
QP-AO 24 P 14 -R NJ	Reverse Polarity N Jack
QP- AO24P14-RSP	Reverse Polarity SMA Plug





QP - A024P14

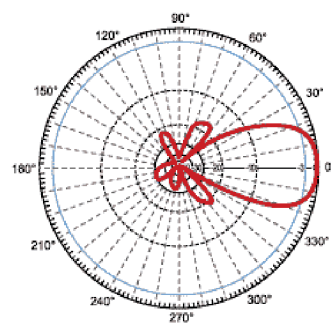
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Specifications

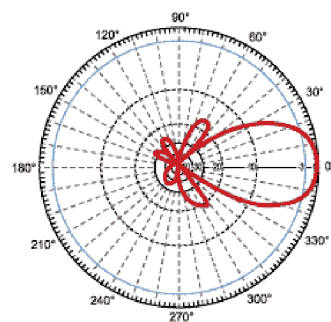
Electrical Specifications

Frequency	2400-2500 MHz
Gain	14 dBi
Polarization	Horizontal or Vertical
Horizontal Beam Width	30°
Vertical Beam Width	30°
Lightning Protection	DC Short
Impedance	50 Ohm
Max. Input Power	25 Watts
VSWR	< 1.5:1 avg.

RF Antenna Patterns



Vertical



Horizontal

Physical Specifications

Weight	0.95lbs. (0.43 kg)
Dimensions	8.5 in (216 mm) x 8.5 in (216 mm) x 1 in (26 mm)
Radome Material	UV-inhibited Pdymer
Flame Rating	UL 94HB
Wind Survival	>150 MPH (241 KPH)
Mounting	Four 1/4 in (6.3 mm) holes
Operating Temperature	-40° C to 85° C (-40° F to 185° F)

