



**QP - AO24P8**  
Wireless LAN Panel Antenna

**High Performance Panel**  
24 GHz; 8 dBi

### Description

This very compact Panel Wi-Fi antenna provides 8 dBi gain with very broad coverage. It is suitable for both indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b, 802.11g and 802.11n, Bluetooth® and for public wireless hotspot applications. 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-AO24P8 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
- Compact size, 4.5 in Square
- 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
- UV stable light gray powder coat finish
- All weather operation
- Easy to assemble
- RoHS Compliant

Avai lab le Mo de ls

Model	Connect or
QP-AO 24 P8- NF	N-F e male
QP-AO 24 P8- NM	N-M a le
QP-AO 24 P8- TF	TNC- Fe male
QP-AO 24 P8- TM	TNC- Ma le
QP-AO 24 P8- SM	SMA- Male
QP-AO 24 P8- UM	UHF- Ma le
QP- AO24P8- RTP	Re verse Pola rit y NTC Plug
QP-AO 24 P8- RTJ	Re verse Pola rit y NTC Jac k
QP-AO 24 P8R NP	Re verse Pola rit y N P lug
QP-AO 24 P8- RNJ	Re verse Pola rit y N J ac k
QP- AO24P8- RSP	Re verse Pola rit y SMA Plu g





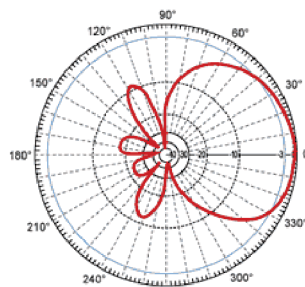
**QP - A024P8**  
Wireless LAN Panel Antenna

## Specifications

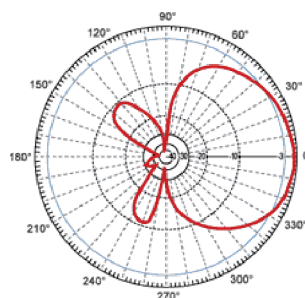
### Electrical Specifications

Frequency	2400-2500 MHz
Gain	8 dBi
Polarization	Horizontal or Vertical
Horizontal Beam Width	75°
Vertical Beam Width	65°
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	0.4 lbs. (0.18 kg)
Dimensions	4.5 in (114 mm) x 4.5 in (114 mm) x 0.9 in (23 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)