

2.4GHz 12dBi Omni Directional Wifi Antennas

Part No:AC-Q24F12

1. Introduction

2.4 GHz omni directional wifi-wireless antennas for both consumer and commercial grade WiFi networks.

Omni WiFi antennas, broadcast / propagate a full 360 degree radiation pattern, completely surrounding and saturating the radio signal in all directions outwards from the center of the antenna.

Omni WiFi antennas are generally used in public WiFi applications, farms and ranches, public parks, zoos and recreation centers, along with most RV Parks and Marinas.

An omni directional WiFi antenna, generally connects to an access point or router, via coaxial cable, or direct to the outdoor access point.



2. Specification

Electrical

| | |
|-------------------------------|----------------|
| Frequency Range | 2400-2483MHz |
| Band width | 83MHz |
| Gain | 12dBi |
| Radiation | Omni-Direction |
| Horizontal Beam width | 360° |
| Vertical Beam width | 7° |
| V.S.W.R | ≤1.5 |
| Polarization | Vertical |
| Lightning Protection | DC Grounded |
| Maximum Input Power | 50W |
| Impedance | 50Ω |
| Connector | N Female |
| Antenna Radome Material | Fiberglass |
| Mount way | Pole |
| Diameter of Installation Pole | Φ30-50mm |

Mechanical

| | |
|-----------------------|-------------|
| Antenna Dimension | Φ20x1200mm |
| Weight | 650g |
| Operating Temperature | -40℃ to+80℃ |
| Rated Wind Velocity | 60m/s |
| RoHS Compliant | YES |



Wireless Solutions

Specification

www.acantenna.com

3.Drawing



Wireless Solutions

Specification

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4.V.S.W.R

5.Radiation Pattern

