

## 2.4/5.8GHz Dual Band Embedded PCB Antenna With U.FL Connector

### Part No:AC-Q2458N35

#### 1. Introduction

Embedded 2.4G/5G Systems,For World-wide Use,Vertical Polarization.

This is Dual Band 2.5/3 dBi PCB/Sticker Antenna having a frequency of 2400-2483MHz&5150-5800MHz.

The biggest advantage to dual-band antennas is their ability to provide a strong, stable wireless connection is often difficult to reach locations.

For this reason, they are often used in devices such as cellular or dual-band wireless access points.

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Omni-directional gain across all bands ensures constant reception and transmission.

Cable lengths and connectors are fully customizable .

For good efficiency performance the shortest cable length should however not be less than 100mm.

It is suitable for clients that appreciate highest performance with lower price.



## 2. Specification

### Electrical

|                         |                        |
|-------------------------|------------------------|
| Frequency Range         | 2400-2500/5150-5800MHz |
| Gain                    | 2.5/3dBi               |
| V.S.W.R                 | ≤2.0                   |
| Maximum Input Power     | 50W                    |
| Impedance               | 50Ω                    |
| Connector               | IPEX                   |
| Cable Type              | RF 1.13                |
| Cable Length            | 100mm                  |
| Antenna Radome Material | FR4                    |

### Mechanical

|                       |               |
|-----------------------|---------------|
| Dimensions            | 48x14x1.8mm   |
| Weight                | 0.1g          |
| Operating Temperature | -40°C to+70°C |
| RoHS Compliant        | YES           |