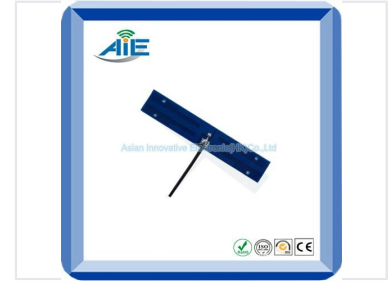


# 2.4GHz 3dBi WiFi PCB Antenna with IPEX Connector

This omnidirectional built-in antenna offers high gain and high sensitivity. It features an IPEX/MCX interface.



## Product Overview

### Compact High-Performance PCB Antenna

This versatile 2.4GHz PCB antenna provides reliable signal performance for integration into wireless systems, IoT devices, and routers. Engineered with a compact 51x9mm footprint, it is designed for seamless installation where space is at a premium. Featuring an IPEX/U.FL connector and 1.13mm cable, this unit ensures stable connectivity in demanding operating environments ranging from -40°C to +70°C.

## Technical Specifications

### Key Performance Metrics

**3 dBi**

Peak Gain

**2 max**

VSWR

**50 W**

Input Power

Frequency Range	2400-2483MHz / 5150-5850MHz
Impedance	50 ©
Polarization	Vertical or Horizontal

## Mechanical Details

### Cable Specifications

- Connector: IPEX/U.FL
- Cable Type: 1.13
- Cable Length: 10cm

Dimensions	51 x 9 x 0.4 mm
Weight	0.1 g

## Environmental Requirements

Operating Temperature Range	-40°C to +70°C
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## Compliance

### Compliance Badges

ROHS • ISO • CE