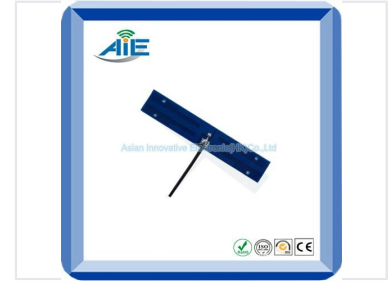


2.4GHz 3dBi WiFi PCB Antenna with IPEX Connector

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 Ω
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