

3 dBi Embedded PCB Antenna 2,400-2,500 MHz UMCX Connector



Antennas Technical Data Sheet

ET12966

Features

- Highly efficient printed circuit board (PCB) design
- Designed for omni-directional applications
- Low profile, compact size
- IPEX, U.FL, UMCX compatible connector

Applications

- Integrate into self contained wireless equipment
- Embedded applications requiring integration flexibility
- 2.4 GHz WLAN and Bluetooth

Description

The ET12966 is an omnidirectional antenna designed to integrate into devices requiring wireless capability. By embedding these antennas directly into a device, the need for external antennas is eliminated. The omni-directional radiation pattern makes it ideal for multipoint and mobile wireless systems.

Configuration

Design
Band Type
Single

Radiation Pattern
Omni Directional

Cable Type 1.13mm

Cable Length
Connector Type
3.937 in [100 mm]
UMCX Plug

Number of Ports

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2,400		2,500	GHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		3		dBi

Mechanical Specifications

Size

Overall Length 1.047244 in [26.6 mm] Width 0.354331 in [9 mm]

Environmental Specifications

Temperature

Operating Range -20 to +65 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 3 dBi Embedded PCB Antenna 2,400-2,500 MHz UMCX Connector ET12966

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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URL: https://www.ebeestock.com/3-dbi-embedded-pcb-antenna-2-400-2-500-mhz-umcx-connector-001296

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