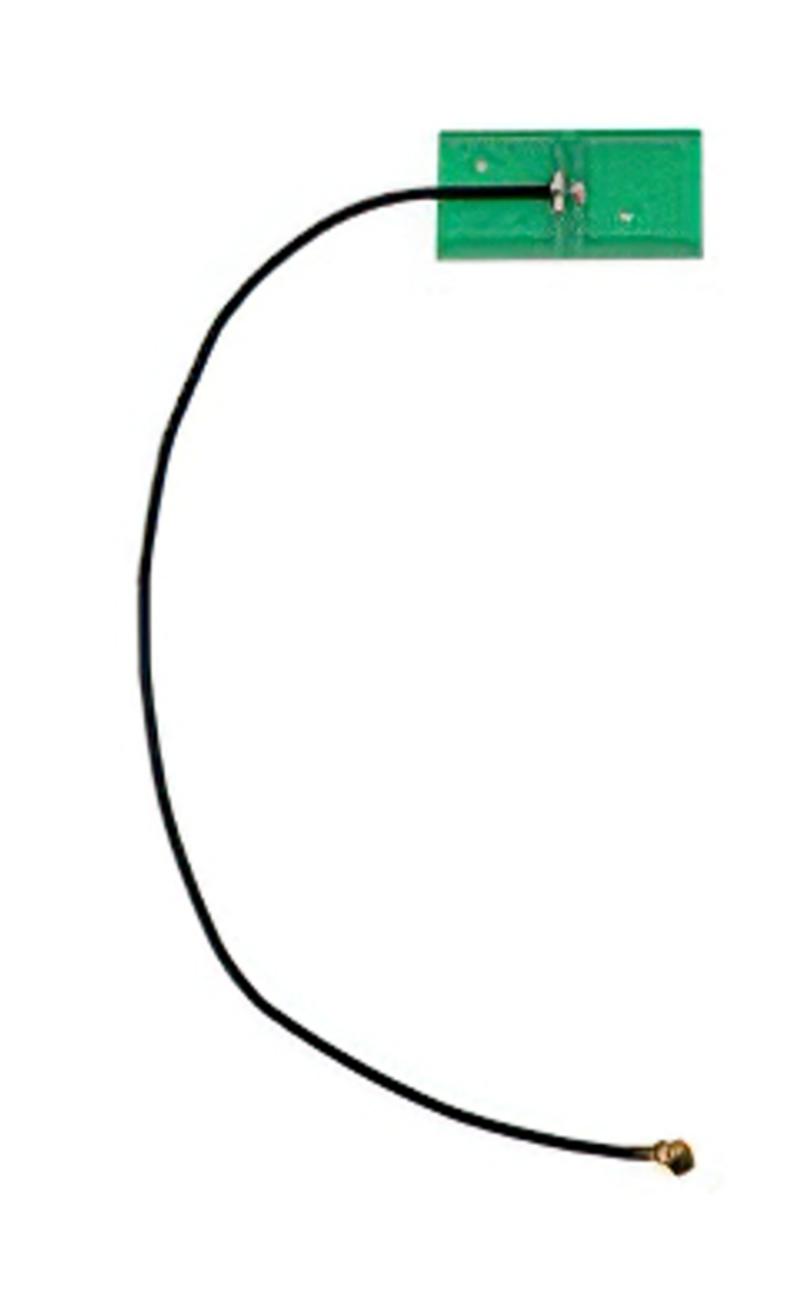


3 dBi Embedded PCB Antenna 5,150-5,850 MHz UMCX Connector



## Antennas Technical Data Sheet

ET12972

### 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
- 5 GHz WLAN

#### Description

The ET12972 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
PCB
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

Minimum	Typical	Maximum	Units
5,150		5,850	GHz
		2:1	
	50		Ohms
	3		dBi
		5,150	5,150     5,850       2:1

### Mechanical Specifications

Size

Overall Length 1.015748 in [25.8 mm] Width 0.519685 in [13.2 mm]

#### **Environmental Specifications**

Temperature

Operating Range -20 to +65 deg C

#### Compliance Certifications (see product page for current document)

### Plotted and Other Data

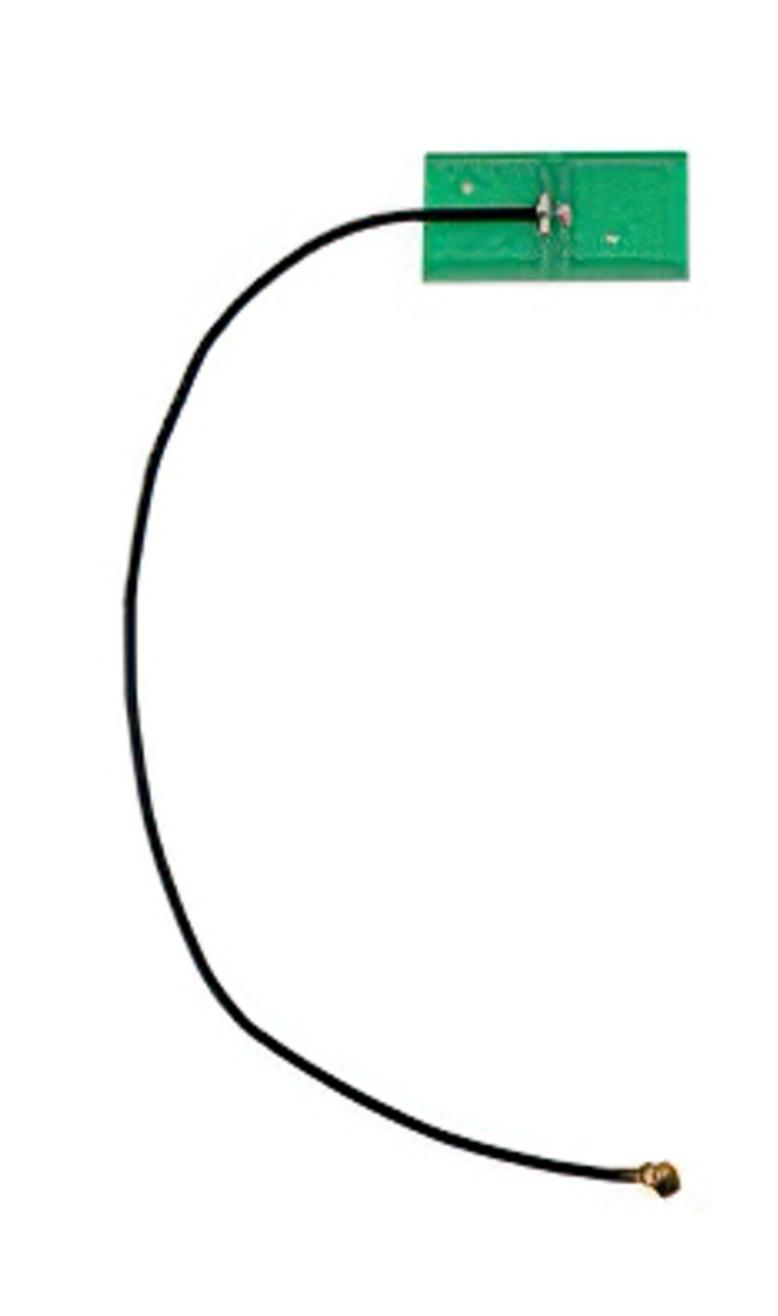
Notes:

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 5,150-5,850 MHz UMCX Connector ET12972

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



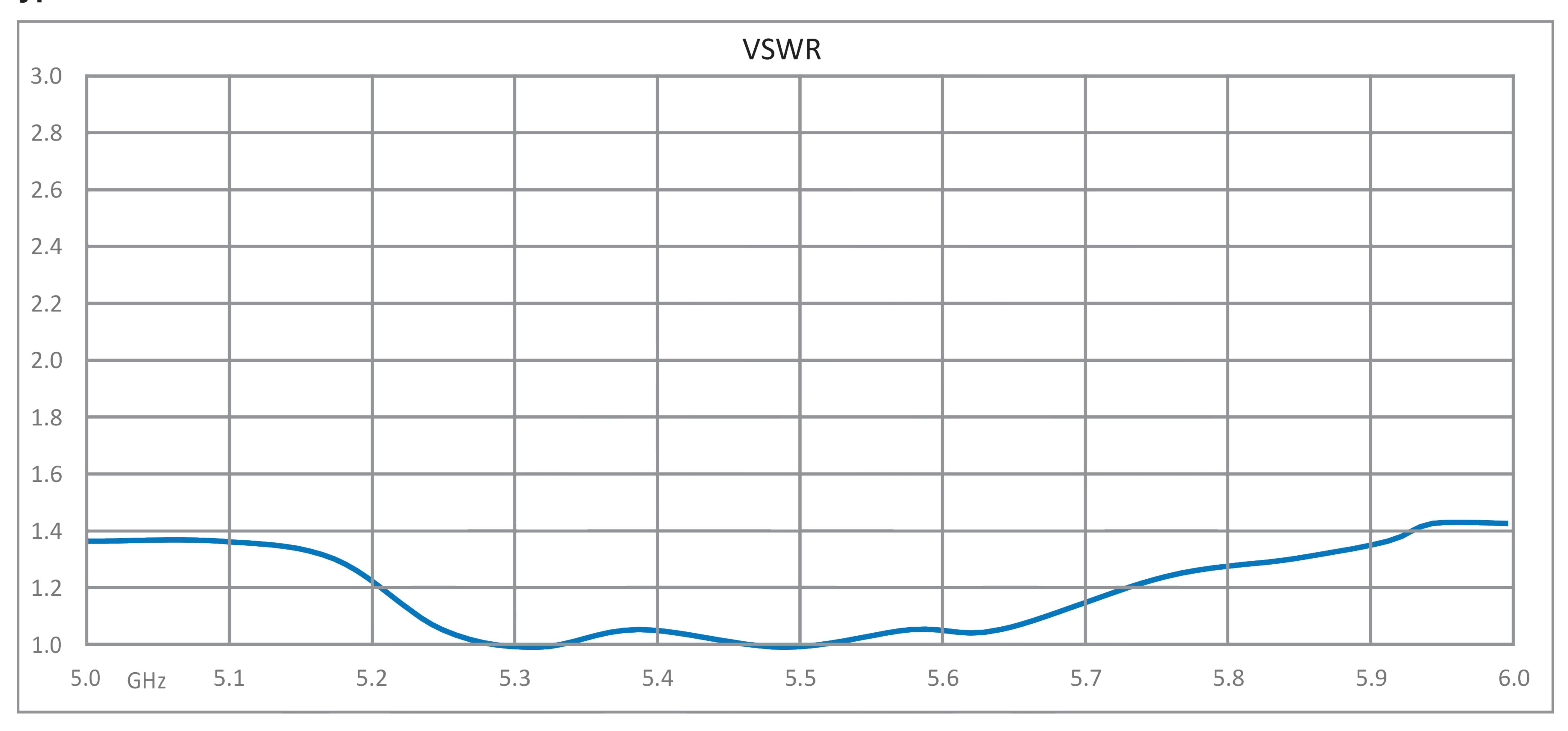
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# Antennas Technical Data Sheet

ET12972

### Typical Radiation Pattern



3 dBi Embedded PCB Antenna 5,150-5,850 MHz UMCX Connector from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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 5,150-5,850 MHz UMCX Connector ET12972

**URL:** https://www.ebeestock.com/3-dbi-embedded-pcb-antenna-5-150-5-850-mhz-umcx-connector-001297

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

