

3 dBi MultiBand Embedded PCB Antenna 2,400-5,900 MHz UMCX Connector



Antennas Technical Data Sheet

ET12963

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 & 5 GHz WLAN

Description

The ET12963 is a multiband 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
PCB
Multi

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		5,900	GHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		3		dBi

Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2,400-2,500	4,900-5,900				MHz

Mechanical Specifications

Size

Overall Length 1.37795 in [35 mm] Width 0.314961 in [8 mm]

Environmental Specifications

Temperature

Operating Range -20 to +65 deg C

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 3 dBi MultiBand Embedded PCB Antenna 2,400-5,900 MHz UMCX Connector ET12963

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



3 dBi MultiBand Embedded PCB Antenna 2,400-5,900 MHz UMCX Connector



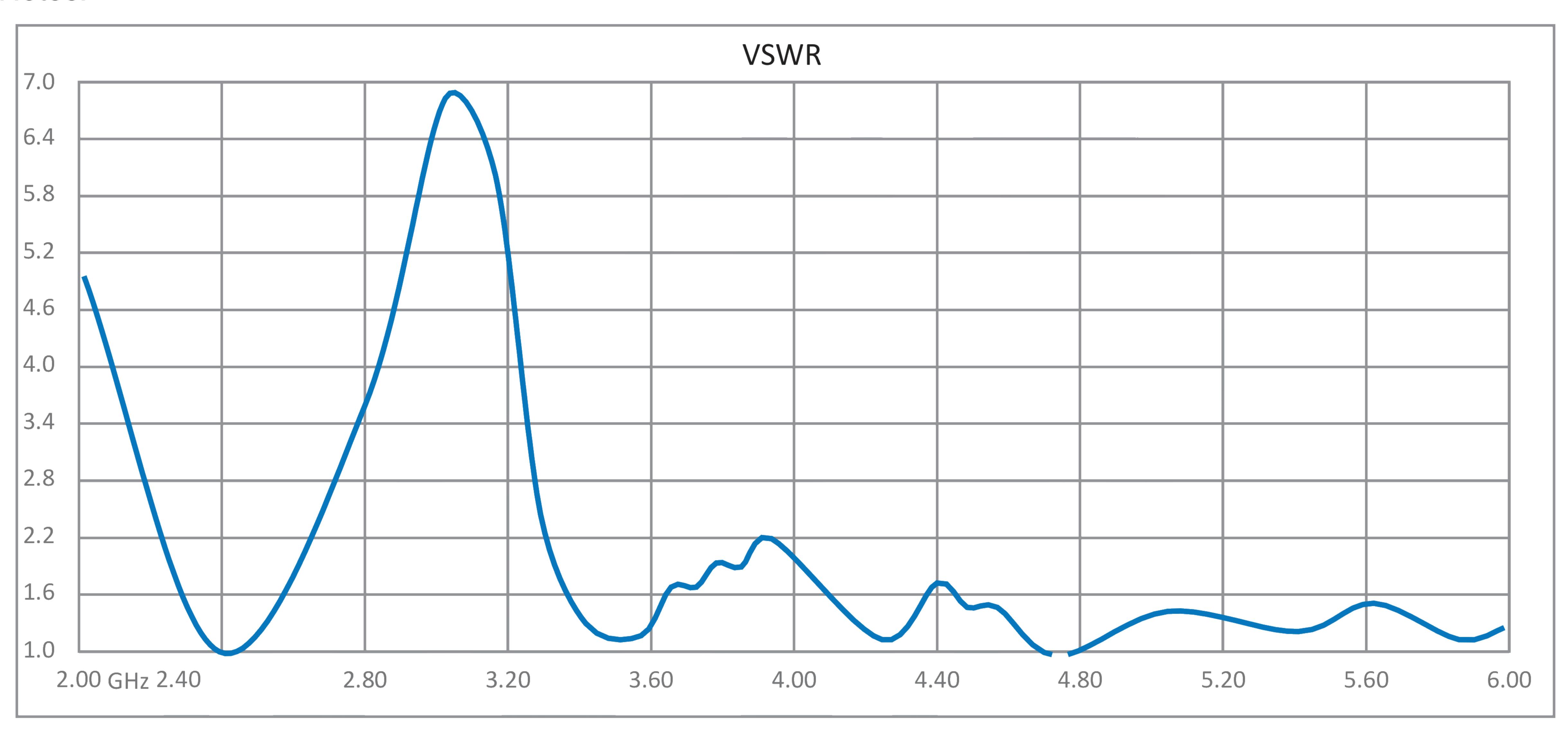
Antennas Technical Data Sheet

ET12963

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:



3 dBi MultiBand Embedded PCB Antenna 2,400-5,900 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 MultiBand Embedded PCB Antenna 2,400-5,900 MHz UMCX Connector ET12963

URL: https://www.ebeestock.com/3-dbi-multiband-embedded-pcb-antenna-2-400-5-900-mhz-umcx-connector-0012963

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.

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

