

2 dBi MultiBand Blade Mobile Antenna 824-2,500 MHz RP-SMA Connector



Antennas Technical Data Sheet

ET12989

Features

- 3-Meter Cable with RP-SMA Plug Connector
- Broad Band Coverage for Many Applications
- Low Profile Mounting Options Using Double-Backed Foam Tape

Applications

- Cellular and Data Band Applications
- 900 MHz ISM Band
- 1710-2200 MHz and 2400-2500 MHz

- GSM/PCS/UMTS
- LPWAN, LoRA, LTE-M, NB-IoT, IoT, M2M
- Multi-Band GSM/PCS and Data Antenna

Description

The Ebeestock ET12989 compact UMTS/WLAN Tri-Band 2dBi glass mounted omnidirectional antenna provides broad coverage and is designed to operate in 824-960MHz, 1710-2200MHz and 2400MHz bands. The reverse polarity SMA male ET12989 with 3 meter pigtail is ideally suited for GSM, ISM, WLAN, RFID, UMTS, PCS and other cellular radio wireless applications.

The compact size of the ET12989 from Ebeestock is ideal where omnidirectional coverage and low visibility are desired. Mobile applications including service vehicles, public transportation, law enforcement, mining and construction vehicles, as well as numerous other commercial and industrial applications, can benefit from the ET12989. The foam double sided tape provides a secure and reliable mounting mechanism allowing deployment in many places. The 3-meter ET-RG174 cable provides the user with flexible options where to place the antenna.

In addition to shipping the same day, our glass mounted antennas are high-quality components backed by expert technical support and sales personnel.

Configuration

Design

Application Band RFID||LPWAN||ISM||Cellular||WLAN

Band Type Multi

Radiation Pattern Omni Directional

Polarization Vertical
Cable Type ET-RG174

Cable Length 118.11 in [300 cm]

Connector Type SMA Plug Reverse Polarity

Number of Ports

Electrical Specifications

Description	Minimum	Typical	Maximum	Units	
Frequency Range	824		2500	MHz	
Input VSWR			2:1		
Impedance			Ohms		
Gain		dBi			
Horizontal (Azimuth) Beam Width					
Input Power			10	Watts	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2 dBi MultiBand Blade Mobile Antenna 824-2,500 MHz RP-SMA Connector ET12989



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Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	824-960	1,710-2,200	2,400-2,500			MHz
Gain	2	2	2			dBi
Horizontal Beam Width	360	360	360			Degrees
Maximum Input Power	10	10	10			Watts

Mechanical Specifications

Size

 Overall Length
 4.53 in [115.06 mm]

 Width
 0.87 in [22.1 mm]

 Height
 0.22 in [5.59 mm]

 Weight
 1.17 lbs [530.7 g]

Environmental Specifications

Temperature

Operating Range -40 to +80 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

2 dBi MultiBand Blade Mobile Antenna 824-2,500 MHz RP-SMA 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.

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URL: https://www.ebeestock.com/2-dbi-multiband-blade-mobile-antenna-824-2-500-mhz-rp-sma-connector-0012989

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