

Item no.: LBE-M5-23

## LBE-M5-23-EU - LBE-M5-23 - LiteBeam M5, 23 dBi, 5 GHz

from **44,99 EUR**

Item no.: LBE-M5-23  
shipping weight: 1.30 kg  
Manufacturer: Ubiquiti



### Product Description

**LBE-M5-23 - LiteBeam M5, 23 dBi, 5 GHz** The LBE-M5-23 is the latest evolution of a lightweight and compact, outdoor wireless broadband CPE (Customer Premises Equipment) from . The LBE-M5-23 was designed to be an affordable cost/performance solution for long-distance, wireless broadband bridging. It operates in the worldwide, license-free 5 GHz frequency range and features high performance of up to 100+ Mbps in real outdoor throughput and an incredible range of up to 30+ km. The LBE-M5-23 combines proprietary hardware and software technologies to deliver its breakthrough combination of throughput and range with cost-effective value. Its InnerFeed technology integrates the entire radio system into the feedhorn of the antenna, and our revolutionary airMAX TDMA protocol enhances network performance and scalability. The LBE-M5-23 also features a unique ball joint mounting system that provides 3-axis adjustment flexibility for versatile mounting options. The mounting system, coupled with the built-in bubble level, enables quick and easy alignment. Integrated airMAX Technology Unlike standard Wi-Fi protocol, the exclusive airMAX Time Division Multiple Access (TDMA) protocol allows each client to send and receive data using pre-designated time slots managed by an intelligent AP controller. This time slot method eliminates hidden node collisions and maximizes airtime efficiency. Compared to other systems in its class, the LBE-M5-23 delivers superior performance in reduced latency, throughput, and scalability.

- Intelligent QoS: Priority is given to voice/video for seamless access.
- Scalability: High capacity and scalability.
- Long Distance: Capable of high-speed, 30+ km links.

**Quick Snap-and-Lock Assembly** The all-new mechanical design makes assembling and disassembling the LBE-M5-23 – literally – a snap. No tools are required.

Physical / Electrical / Environmental

- Dimensions: 362 x 267 x 184 mm (14.25 x 10.51 x 7.24")
- Weight: 750 g (24.11 oz)
- Wind Survivability: 200 km/h (125 mph)
- Wind Loading: 176.86 N (at) 200 km/h (39.76 lbf (at) 125 mph)
- Enclosure Characteristics: Outdoor UV Stabilized Plastic
- Mounting Kit: Pole Mounting Kit (included)
- Max. Power Consumption: 4W
- Power Supply: 24 V, 0.2 A PoE Adapter (included)
- Power Method: Passive Power over Ethernet (Pairs 4, 5+; 7, 8 Return)
- Operating Temperature: -40°C to 70°C (-40°F to 158°F)
- Operating Humidity: 5 to 95% non-condensing
- Shock and Vibration: ETSI300-019-1.4
- ETSI Specification: EN 302 326 DN2

System Information

- Processor Specs: MIPS 74K
- Memory: 64 MB
- Networking Interface: (1) 10/100 Ethernet Port

Regulatory / Compliance Information

- Wireless Approvals: FCC, IC, CE
- RoHS Compliance: Yes

Antenna Information

- Operating Frequency
  - Worldwide: 5150 – 5875 MHz
  - USA: 5725 – 5850 MHz
- Output Power: 25 dBm
- Gain: 16 dBi
- Max. VSWR: 1.5:1

## Specifications

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