

Item no.: PA-M5-24X

## WIBOX PA M5-24X - 5 GHz, 24 dBi PtP/Client Antenna

**92,04 EUR**

Item no.: PA-M5-24X  
shipping weight: 2.90 kg  
Manufacturer: QuWireless



### Product Description

Wireless Instruments WIBOX PA M5-24X - 5 GHz, 24 dBi PtP/Client Antenna WIBOX PA M5-24X is an innovative, PTFE microstrip, dual polarity X (slant) polarized (MIMO 2x2) planar antenna operating at the frequency range of 5.1 - 5.95 GHz with 24 dBi gain in both polarizations. It was designed for point-to-point (PtP) or point-to-multipoint (PtMP) as the client antenna, where antennas with high gain are required. Due to the slant (+/- 45°) polarization, PA M5-24X can be used in interfered environments. It works with WLAN 802.11n/ac systems and can be installed indoors and outdoors (IP67). The antenna is integrated into the top-quality WIBOX Large box system. [Features](#)

- 2x 24 dBi gain
- X polarization for the frequency of 5100 - 5950 MHz
- 2x SMA female connectors
- Big, ergonomic and voluminous WIBOX Large enclosure for radio equipment installation
- Outdoor waterproof enclosure WIBOX Large
- Designed for and resistant to any weather conditions
- RJ45 waterproof system
- Grounding system protecting against lightning - DC ground

#### Systems

- WLAN - 5 GHz
- WiMAX - 5 GHz
- ISM - 5725 - 5875 MHz
- RFID - 5725 - 5875 MHz

#### Applications

- System integration
- Point-to-Point connections
- Point-to-Multipoint connections

#### Compatible with

- Cambium Networks - ePMP 1000
- Connectorized Radio, ePMP 1000 GPS
- Sync Radio

#### Electrical Specifications

- Frequency: 5.1 - 5.95 GHz
- Gain: 24 dBi
- VSWR: < 1.80, max < 2.00
- Beamwidth: 8°/8°
- Polarization: X
- Cross-Polar Isolation
- Front-to-Back: > 30 dB
- Separation between Connectors: > 40 dB
- Impedance: 50 ohms
- Max Input Power: 50 W
- Lightning Protection: No
- DC Ground: Yes

#### Mechanic Specifications

- Dimensions: 39.2 x 39.6 x 9.6 cm
- Weight: 2.9 kg
- Connector: RJ45
- Material: ABS
- Waterproof level: IP67
- Operating temperature: from -40 °C to 80 °C

#### Mounting Kit

- Dimensions: 9.9 x 10.5 x 14.8 cm
- Regulation Range: +/- 30°
- Weight: 0.87 kg
- Mast Dimensions Range: 250 - 650 mm
- Material Poliamid with fiberglass + galvanized steel

## Specifications

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