

Item no.: SA-MDB255-90-14X\_WM

## WiBOX SA MDB255-90-14X - 2.5 & 5 GHz Dual Band Antenna

from **117,91 EUR**

Item no.: SA-MDB255-90-14X\_WM

shipping weight: 2.50 kg

Manufacturer: Wireless Instruments



### Product Description

Wireless Instruments WiBOX SA MDB255-90-14X - 2.5 & 5 GHz Dual Band Antenna

WiBOX SA MDB255-90-14X is a dual band MIMO 2x2 sector antenna (2.5 GHz - X; 5 GHz - X) operating at two frequency bands: 2.35 - 2.65 GHz with 12 dBi gain and 5.1 - 5.85 GHz with 14 dBi gain. The antenna can be used in point-to-multipoint (PtMP) topologies for covering medium size areas as the hotspot in schools, halls, stadiums or other public places. It can be installed indoors and outdoors (IP 67). It works with the systems of: WLAN (802.11a/b/g/n/ac), WiMAX, LTE, Bluetooth, ISM, RFID. The antenna is integrated into the top-quality WiBOX Medium box system. [Features](#)

- Gain for the frequency of 2350 - 2650 MHz: 2x 12 dBi
- Gain for the frequency of 5100 - 5850 MHz: 2x 14 dBi
- X polarization
- 4x SMA female connectors
- Big, ergonomic and voluminous WiBOX Medium enclosure for radio equipment installation
- Outdoor waterproof enclosure WiBOX Medium
- Designed for and resistant to any weather conditions
- RJ45 waterproof system
- Grounding system protecting against lightning: DC ground

### Systems

- WLAN: 2.4 GHz, 5 GHz
- WiMAX: 2.3 GHz, 2.5 GHz, 5 GHz
- LTE band: 7, 38, 40, 41
- Bluetooth: 2400 - 2483 MHz
- ISM: 2400 - 2483 MHz, 5725 - 5875 MHz
- RFID: 2400 - 2483 MHz, 5725 - 5875 MHz

### Applications

- System integration
- Point-to-multipoint connections
- Hotspot

### Electrical Specifications

- Frequency:
  - 2.35 - 2.65 GHz
  - 5.1 - 5.85 GHz
- Gain:
  - 12 dBi
  - 14 dBi
- VSWR: < 2.00
- Beamwidth:
  - 30°/90°
  - 16°/90°
- Polarization: X
- Separation between connectors
- Impedance: 50
- Max. input power: 50 W
- Lightning protection: No
- DC ground: Yes

#### Mechanic Specifications

- Dimensions: 27.2 x 27.6 x 9.6 cm
- Weight: 2.5 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

**Scan this QR code to  
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All details, up-to-date  
prices and availability

