

Item no.: PA5-20\_WM

## WiBOX PA5-20 - 5 GHz, 20 dBi Directional Panel Antenna, incl. WiMount

from **47,81 EUR**

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shipping weight: 2.15 kg

Manufacturer: Wireless Instruments



### Product Description

#### WiBOX PA5-20 - 5 GHz, 20 dBi Directional Panel Antenna

WiBOX PA 5-20 is a panel antenna operating at the frequency range of 5.1 - 5.85 GHz with 20 dBi gain. It was designed for Point-to-Point connections and Point-to-Multipoint connections as a client antenna. The antenna is integrated into the top quality WiBOX Medium box system (the installation space is 25 x 25 x 5 cm).

The box has IP67 waterproof level and there is enough room to install almost any of the most popular radio equipments. The WiBOX Medium offers the possibility to integrate the antenna system with other systems by using the additional connector holes located at the bottom of the WiBOX. Thanks to the waterproof RJ45 connector, it is easy to use PoE because a stressful crimping of the RJ45 connector on the installation location (e.g. on the roof or a high mast) is not necessary. The collar around the connectors guarantees the connectors won't get wet. The WiBOX Medium is made from durable plastic materials, which are resistant to UV radiation and bad weather conditions.

The special reinforced WiMount bracket, which is made from fiberglass, ensures the stability even in the case of strong winds. The WiBOX PA 5-20 can be mounted for vertical or horizontal polarization. The antenna comes with a SMA connector.

#### Features

- 20 dBi directional gain
- Outdoor waterproof WiBOX Medium
- Big and convenient WiBOX Medium for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - WiMount
- Horizontal or vertical polarization
- High-quality construction
- SMA female connector
- DC grounded for lightning protection
- WiMount heavy-duty mounting elements
- Designed for all-weather operation

#### Applications

- 5 GHz band Wireless LAN
- IEEE 802.11a WLAN systems
- Point to Point applications
- Client antennas
- System Integration
- WIMAX
  
- Frequency: 5100 - 5850 MHz
- Gain: 20 dBi
- Polarization: H,V
- Beamwidth horizontal: 16°
- Beamwidth vertical: 16°
- Front to back ratio: N/A
- VSWR:
- Impedance: 50 ohms
- Connector: RJ-45
- Mast mounting system O: 60 (2,76) mm (inch)
- Waterproof outdoor BOX: IP67
- Operating temperature: -40 °C + 70 °C
- Weight: 1,6 kg
- Dimensions: 270 x 270 x 110 mm (10,63 x 10,63 x 4,33)
- Wind loading: 70 km/h (43,5 mph)

## Specifications

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prices and availability

