

Item no.: PA-D4M5-20HVX_WM

WiBOX PA D4M5-20HVX - 5 GHz, 20 dBi MIMO 4x4 Panel Antenna, incl. WiMount

from **107,79 EUR**

Item no.: PA-D4M5-20HVX_WM

shipping weight: 3.35 kg

Manufacturer: Wireless Instruments



Product Description

WiBOX PA D4M5-20HVX - 5 GHz, 20 dBi MIMO 4x4 Panel Antenna

WiBOX PA D4M5-20HVX is an innovative PTFE technology triple/tetrapolarity (MIMO 3x3/4x4) planar antenna operating in the frequency range of 5.1 - 5.9 GHz with 20 dBi gain in all polarizations. Generally, it was designed for point-to-point connections (802.11a/n or 802.11ac), but can also operate as a client antenna for some special applications. This system comes with 4x SMA female connectors and can be used in 2x2, 3x3 as well as in 4x4 MIMO standard.

The antenna is integrated into the top-quality WiBOX Extra Large box system. The installation space is 24 x 46 x 5 cm (19,29 x 11,42 x 3,94). The box has IP67 waterproof level, there is enough room to install almost any of the most popular radio equipments. The WiBOX Extra Large provides the possibility to integrate the antenna system with other systems by using the additional connector holes located at the bottom of the WiBOX. The waterproof RJ45 connector allows for the use of the PoE standard without the stressful crimping of the RJ45 connector on the installation location (e.g. on the roof or a high mast). The collar around the connectors guarantees the connectors won't get wet.

The WiBOX Extra Large is made from durable plastic material, which is resistant to UV radiation and extreme weather conditions.

Features

- 4x 20 dBi directional gain
- Outdoor waterproof WiBOX Extra Large
- Big and convenient WiBOX Extra Large for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - WiMount
- Horizontal & vertical and +/- 45 Deg. slant polarization – triple polarity, 4x4 MIMO
- High-quality construction
- 4x SMA female connectors
- DC grounded for lightning protection
- WiMount heavy-duty mounting elements
- Designed for all-weather operation

Applications:

- 5 GHz band Wireless LAN
- IEEE 802.11an WLAN systems
- Point-to-point applications
- Client antennas
- System integration
- Nstreme protocol
- 802.11n/ MIMO standard
- 802.11ac standard
- Frequency: 5.1 - 5.9 GHz
- Gain: 20 dBi
- VSWR:
- Beamwidth: 16°/16°
- Polarization: X, H&V
- Front-to-back: > 30 dB
- Separation between connectors: > 32 dB
- Impedance: 50 ohms
- Max input power: 50 W
- DC ground: Yes
- Dimensions: 29.2 x 48.6 x 10.6 cm (11.5 x 19.13 x 4.17 inch)
- Weight: 2.7 kg
- Connector: RJ45 & 4x SMA female
- Material: ABS
- Waterproof level: IP67
- Operating temperature: from -40 °C to 80 °C (from -40 °F to 176 °F)
- Wind resistance: 70 km/h

Specifications

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

