

Item no.: SA-M6-90-17HV\_WM

## WiBOX SA M6-90-17HV - 6 GHz, 17 dBi Sector Antenna, Incl. WiMount

from **106,89 EUR**

Item no.: SA-M6-90-17HV\_WM

shipping weight: 3.35 kg

Manufacturer: Wireless Instruments



### Product Description

WiBOX SA M6-90-17HV - 6 GHz, 17 dBi Sector Antenna WiBOX SA M6-90-17HV is an innovative PTFE microstrip dual polarity (MIMO 2x2) sector antenna operating at the frequency range of 5.6 – 6.5 GHz with 17 dBi gain in both polarizations. The PCB of antenna is made from PTFE which is much more efficient and resistant than standard FR4 laminate.

It was designed for creating short and medium range basestations. The antenna is integrated into the top-quality WiBOX Extra Large box system. The installation space is 24 x 46 x 5 cm (9,45 x 18,11 x 1,97). 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, 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 bad weather conditions. The special reinforced WiMount bracket, made from fiberglass ensures the stability even in the case of strong wind. WiBOX SA M6-90-17HV works with horizontal polarization. It comes with 2x SMA female connector. Features

- Horizontal & vertical polarization 17 dBi of gain
- Wide-band operation
- Outdoor waterproof WiBOX Extra Large
- Big and convenient WiBOX Extra Large for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - WiMount
- High-quality construction
- 2x SMA female connector
- DC grounded for lightning protection
- WiMount heavy-duty mounting elements
- Designed for all-weather operation

Applications:

- 6 GHz band applications
- IEEE 802.11a WLAN systems
- Base station antennas
- Point to multipoint applications
- Wireless broadband systems
- System integration
- Nstreme protocol
- 802.11n/MIMO standard
  
- Frequency: 5600 - 6500 MHz
- Gain: Port 1 (Vpol) = 16.5 dBi +/-0.5 dB Port 2 (Hpol)= 17.5 dBi +/-0.5 dBi
- Polarization: H&V
- Beamwidth Horizontal: 90°
- Beamwidth Vertical: 8°
- Front to back: >30 dB
- Port to port isolation: >50dB
- VSWR:
- Impedance: 50 ohms
- Connector: RJ45
- Mast Mounting System O: 60 (2,76) mm (inch)
- Waterproof Outdoor BOX: IP67
- Operating Temperature: -40 °C + 70 °C
- Weight: 2,7 kg
- Dimensions: 490 x 290 x 110 mm (19,29 x 11,42 x 4,33")

## Specifications

---

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

