

Item no.: SA5-90-14V\_WM

## WiBOX SA 5-90-14 V - 5 GHz, 14 dBi Sector Antenna, incl. WiMount

from **45,49 EUR**

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shipping weight: 1.50 kg

Manufacturer: Wireless Instruments



### Product Description

WiBOX SA 5-90-14 V - 5 GHz, 14 dBi Sector Antenna WiBOX SA5-90-14 V is a sector antenna operating at the frequency range of 5.3 – 6.0 GHz with 14 dBi gain. It was designed for creating short and medium range base stations. 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, there is enough room to install almost any of the most popular radio equipments. WiBOX Medium 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. WiBOX Medium 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. The WiBOX SA5-90-14V operates with vertical polarization. It comes with a SMA connector. Features

- Vertical polarization 14 dBi of gain
- 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
- SMA female connector
- DC grounded for lightning protection
- WiMount heavy-duty mounting elements
- Designed for all-weather operation

### Applications

- 5 GHz ISM band applications
- IEEE 802.11a WLAN systems
- Base station antennas
- Point to Multipoint applications
- Wireless broad band systems
- System integration
- WIMAX
- Frequency: 5300 - 6000 MHz
- Gain: 14 dBi
- Polarization: V
- Beamwidth Horizontal: 90°
- Beamwidth Vertical: 16°
- Front to back: N/A
- VSWR:
- Impedance: 50 ohms
- Connector: RJ45
- Mast Mounting System O: 60 (2,76) mm (inch)
- Waterproof Outdoor BOX: IP 67
- Operating Temperature: -40 °C + 70 °C
- Weight: 1,4 kg
- Dimensions: 270 x 270 x 110 mm (10,63 x 10,63 x 4,33")
- Wind Loading: 70 km/h (43,5 mph)

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All details, up-to-date  
prices and availability

