



## WiBOX SA M5-90-14HV

Installation space: 25cm x 25cm x 5cm

**WiBOX SA M5-90-14HV** is a dual polarity sector antenna (MIMO 2x2) operating at the frequency range of 5,1 – 5,85 GHz with 14 dBi gain in both polarizations. It is desired for short and medium range base stations creating. The antenna is integrated with the top quality **WiBOX Medium** box system (the installation space is 25 x 25cm x 5 cm). The box has IP67 waterproof level, there is enough room to install almost every of the most popular radio equipment. **WiBOX Medium** provides with 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 PoE standard utilization without a 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 the durable plastic material resistant against the UV radiation and bad weather conditions. The special reinforced **WiMount** bracket, made from fiberglass ensures the stability even in case of the strong wind. **WiBOX SA M5-90-14H** works at the horizontal polarization. It comes with 2 x SMA connector.



### Specification

Frequency	5100-5850MHz
Gain	2 x 14dBi
Polarization	H&V
Beamwidth Horizontal	90°
Beamwidth Vertical	16°
Front to back	N/A
VSWR	< 2
Impedancja	50 Ω
Connector	RJ-45 & SMA
Mast Mounting System O	60 (2,76") mm (inch)
Waterproof Outdoor BOX	IP 67
Operating Temperature	-40 + 70 °C
Weight	1,5 kg
Dimensions	270x270x110 (10,63"x10,63"x4,33")
Wind Loading	70 km/h (43,5 mph)
Warranty	36

### Features

- Horizontal&Vertical Polarization 14 dBi of Gain
- Wide-Band Operation
- Outdoor Waterproof **WiBOX Medium**
- Big and convenient **WiBOX Medium** for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - **WiMount**
- High Quality Construction
- Type 2 x SMA connector
- DC Grounded for lightning protection
- **WiMount** Heavy-Duty Mounting Elements
- 3 Years Warranty
- Designed for All Weather Operation

### Applications

- 5 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