



WiBOX SA M24-90-12HV

Installation space: 25cm x 25cm x 5cm

WiBOX SA M24-90-12HV is a dual polarity sector antenna (MIMO 2x2) operating at the frequency of 2,4 GHz with 12 dBi gain. 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 **Wi-Mount** bracket, made from fiberglass ensures the stability even in case of the strong wind. **WiBOX SA M24-90-12HV** works at the horizontal and vertical polarization. It comes with 2 x SMA connector.



Specification

Frequency	2400-2500MHz
Gain	2 x 12dBi
Polarization	H&V
Beamwidth Horizontal	90°
Beamwidth Vertical	30°
Fronto to back	N/A
VSWR	< 2
Impedacja	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	2 kg
Dimensions	270x270x110 (10,63"x10,63"x4,33")
Wind Loading	70 km/h (43,5 mph)
Warranty	36

Features

- Horizontal&Vertical Polarization 12 dBi of Gain
- Outdoor Waterproof **WiBOX Medium**
- Big and convenient **WiBOX Medium** for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - **WiMount**
- High Quality Construction
- 2 x SMA connector
- DC Grounded for lightning protection
- **WiMount** Heavy-Duty Mounting Elements
- 3 Years Warranty
- Designed for All Weather Operation

Applications

- 2.4 GHz ISM Band Applications
- IEEE 802.11b/g WLAN Systems
- Base Station Antennas
- Point to Multipoint Applications
- Wireless Broadband Systems
- System Integration
- Nstreme protocol
- 802.11n/MIMO standard