



## WiBOX SA 24-90-15V

Installation space: 24,1cm x 45,9cm x 5cm

**WiBOX SA24-90-15V** is a sector antenna operating at the frequency of 2,4 GHz with 15 dBi gain. It is desired for short and medium range base stations creating. The antenna is integrated with the top quality **WiBOX Extra Large** box system (the installation space is 24cm x 46cm x 5 cm (19,29" x 11,42" x 3,94")). The big compartment allows to instal almost every of the available radio boards. The box has IP66 waterproof level, there is enough room to install almost every of the most popular radio equipment. **WiBOX Extra Large** 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. The **WiBOX Extra Large** 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 SA24-90-15V** works at the vertical polarization. It comes with SMA connector.



### Specification

Frequency	2400-2500MHz
Gain	15dBi
Polarization	V
Beamwidth Horizontal	90°
Beamwidth Vertical	10°
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 66
Operating Temperature	-40 + 70 °C
Weight	2,4 kg
Dimensions	490x290x110 (19,29"x11,42"x4,33")
Wind Loading	70 km/h (43,5 mph)
Warranty	36

### Features

- Horizontal Polarization 15 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**
- Vertical Polarization
- High Quality Construction
- Type 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
- WIMAX