**BASE SECTOR ANTENNA**

**WiBOX SA D4M49-90-16X SLIM NF**

Antenna **WiBOX SA D4M49-90-16X SLIM NF** is designed specially for the **Mimosa A5C**. The antenna comes with No. 4 N Female connectors (MIMO 4x4 - No. 4 ports), the solution offers 85° of coverage with the gain of 16 dBi in slant X polarization which is recommended by Mimosa technical team. Our solution is based on one antenna 4x4, so you need only one antenna for **Mimosa A5C** device. The antenna is equipped with the fiber-glass **WiMount** mounting.

### Electrical specification

- **Frequency**: 4.9 - 5.9 GHz
- **Gain**: 16 dBi
- **VSWR**: <1.60, max x 2.00
- **Beamwidth**: 85°/8° +/- 5°
- **Polarization**: X
- **Cross-Polar Isolation**: > 25 dB
- **Front-to-Back**: > 30 dB
- **Separation between Connectors**: > 25 dB
- **Impedance**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: No

### Mechanic specification

- **Dimensions**: 29.2 x 48.6 x 7.1 cm (11.5 x 19.13 x 2.8 inch)
- **Weight**: 2.9 kg
- **Connector**: RJ45 & 4xN Female
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 70°C to °C
- **Wind resistance**: km/h

### Mounting Kit

- **Dimensions**: 9.9 x 10.5 x 14.8 cm (3.9 x 4.13 x 5.83 inch)
- **Regulation Range**: +/- 30°
- **Weight**: 0.87 kg
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

### Systems

- **WLAN**: 5 GHz
- **WiMAX**: 5 GHz
- **RFID**: 5725 - 5875 MHz
- **ISM**: 5725-5875 MHz

### Applications

- **Stadiums, Public Places**
- **Hotspot**
- **PtM Connections**

### Compatible with

- **MIMOSA - A5C**

### Features

- Gain for the frequency of 4900 - 5900 MHz 4x 16 dB
- Polarization X for the frequency of 4900 - 5900 MHz
- 4 x Connector N Female
- Big, ergonomic and voluminous **WiBOX Extra Large SLIM** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure **WiBOX Extra Large SLIM**
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- 36 Warranty Months

### Plots

- **SA D4M49-90-16X Port 1, azimuth**
- **SA D4M49-90-16X Port 1, elev.**
- **SA D4M49-90-16X Port 2, azimuth**
- **SA D4M49-90-16X Port 2, elev.**