BASE SECTOR ANTENNA

WiBOX SA D8M49-90-17X SLIM SMA

Antenna WiBOX SA D8M49-90-17X SLIM SMA is designed specially for the Mimosa A5C. The antenna comes with No. 8 SMA Female connectors (MIMO 8x8 - No. 8 ports), the solution offers 90° of coverage with the gain of 17 dBi in X polarization which is recommended by Mimosa technical team. You need only one antenna for Mimosa A5C. The antenna is equipped with the fiber-glass WiMount mounting. Additional 3dBi of beam forming gain achieved by using the Mimosa A5C. Include special mounting kit for 2x Mimosa A5C.

**Electrical specification**

- **Frequency**: 4.9 - 5.9 GHz
- **Gain**: 17 dB ± 1
- **VSWR**: ≤ 1.60, max < 2.00
- **Beamwidth**: 90° / 8°
- **Polarization**: X
- **Cross-Polar Isolation**: > 26 dB
- **Front-to-Back**: > 25 dB
- **Separation between Connectors**: > 25 dB
- **Impedance**: 50 Ohm
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: Yes

**Mechanic specification**

- **Dimensions**: 39.2 x 39.6 x 7.7 cm (15.43 x 15.59 x 3.03 inch)
- **Weight**: 0 kg
- **Connector**: RJ45 & 8xSMA
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 70°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
- **Mast Dimensions Range**: 25 - 65 mm
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

**Features**

- Gain for the frequency of 4900 - 5900 MHz 8x 17 dBi ± 1
- Polarization X for the frequency of 4900 - 5900 MHz
- No. 8 Connector SMA
- Big, ergonomic and voluminous WiBOX Large Slim enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiBOX Large Slim
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- Grounding system protecting against lightning - DC Ground
- 36 Warranty Months

**Systems**

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

**Compatible with**

- MIMOSA - A5C

**Plots**

- SA D8M49-90-17X azimuth
- SA D8M49-90-17X elev.