



BASE SECTOR ANTENNA

WiBOX SA D8M49-90-17X SLIM SMA

Antenna **WiBOX SA D8M5-90-17X 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**

ROHS



Electrical specification

| | |
|-------------------------------|-------------------|
| Frequency | 4.9 - 5.9 GHz |
| Gain | 17 dBi ±1 |
| VSWR | <1.60, max < 2.00 |
| Beamwidth | 90°/8° |
| Polarization | X |
| Cross-Polar Isolation | |
| Front-to-Back | > 25 dB |
| Separation between Connectors | > 25 dB |
| Impedance | 50 Ω |
| 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 from -40°F to 158°F |
| 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 - 65mm |
| 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
- › 8 x 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

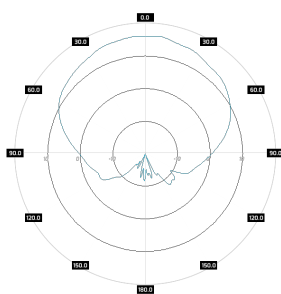
Systems

- › LTE band - 46, 47, 252, 255
- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

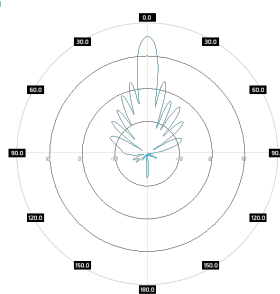
Compatible with

- › **MIMOSA** - A5C

Plots



SA D8M49-90-17X
azimuth



SA D8M49-90-17X
elev.