BASE SECTOR ANTENNA

**WiBOX SA D8M5-90-17HV SLIM SMA**

Antenna **WiBOX SA D8M5-90-17HV 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 HV 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**: 5.1 - 5.95 GHz
- **Gain**: 17 dBi
- **VSWR**: <1.60, max < 2.00
- **Beamwidth**: 90°/9°
- **Polarization**: H & V
- **Cross-Polar Isolation**: > 20 dB
- **Front-to-Back**: > 50 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
- **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 5100 - 5950 MHz 8x 17 dBi
- Polarization H & V for the frequency of 5100 - 5950 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 lighting - 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 D8M5-90-17HV azimuth, pol. H
- SA D8M5-90-17HV elev., pol. H
- SA D8M5-90-17HV azimuth, pol. H
- SA D8M5-90-17HV elev., pol. V