



BASE SECTOR ANTENNA

WiBOX SA D4M5-90-17HV SLIM NF

Antenna **WiBOX SA D4M5-90-17HV 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 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**.

ROHS



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 | |
| Front-to-Back | > 20 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 +70°C to °C from -40°F to 32°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 5100 - 5950 MHz 4x 17 dBi
- › Polarization H&V for the frequency of 5100 - 5950 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

Systems

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

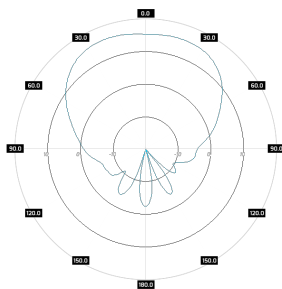
Applications

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

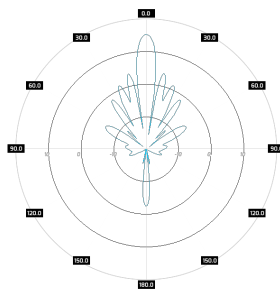
Compatible with

- › **MIMOSA - A5C**

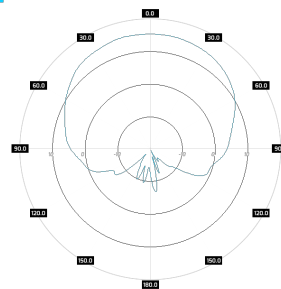
Plots



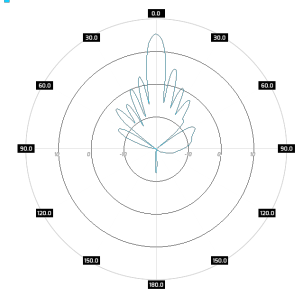
SA D4M5-90-17HV
azimuth. pol. H



SA D4M5-90-17HV
elev., pol. H



SA D4M5-90-17HV
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elev., pol. V