



BASE SECTOR ANTENNA

WiSector D4M49-90-16X SLIM NF

Antenna **WiSector 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.

ROHS



Electrical specification

| | |
|-------------------------------|-------------------|
| Frequency | 4.9 - 5.9 GHz |
| Gain | 16 dBi |
| VSWR | <1.60, max < 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 +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 4900 - 5900 MHz 4x 16 dBi
- › 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

Systems

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

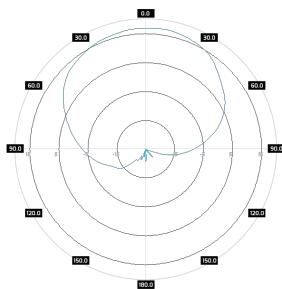
Applications

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

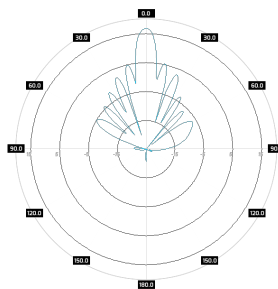
Compatible with

- › **MIMOSA - A5C**

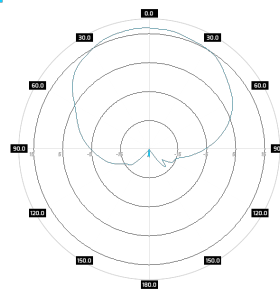
Plots



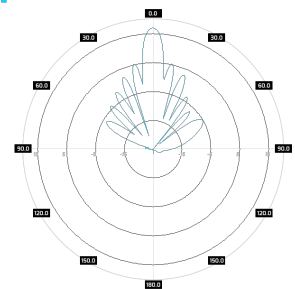
SA D4M49-90-16X
Port 1, azimuth



SA D4M49-90-16X
Port 1, elev.



SA D4M49-90-16X
Port 2, azimuth



SA D4M49-90-16X
Port 2, elev.