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BASE SECTOR ANTENNA

WiSector D4M5-90-16HV SLIM NF

ROHS

IP67

UV RESISTANT

ABS

*Antenna **WiSector D4M5-90-16HV SLIM NF** is designed specially for the **Mimosa A5C**. The antenna comes wth No. 4 N Female connectors (**MIMO 4x4 - No. 4 ports**), the solution offers 90° of coverage with the gain of 17 dBi in HV polariztion which is recommended bu 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**.*

Electrical specification

Frequency	5.1 - 5.95 GHz
Gain	16 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 16 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

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

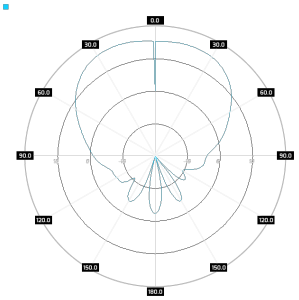
Applications

- Stadiums, Public Places
- Hotspot
- PtM Connections

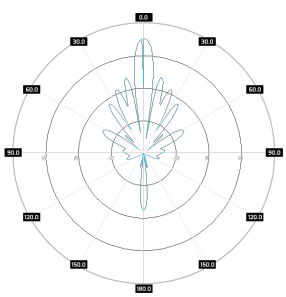
Compatible with

- **MIMOSA** - A5C

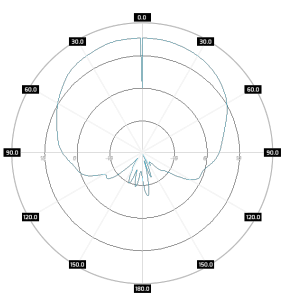
Plots



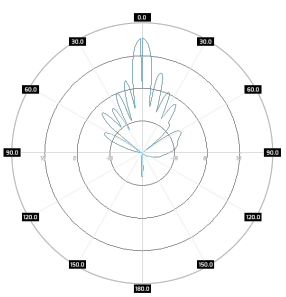
SA D4M5-90-17HV
azimuth. pol. H



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



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



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

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