



## 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

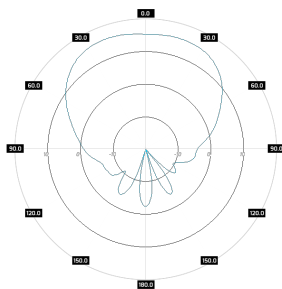
### Applications

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

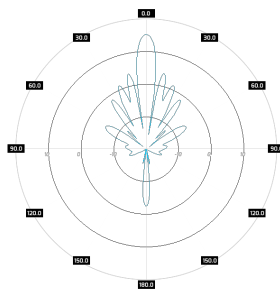
### Compatible with

- › **MIMOSA - A5C**

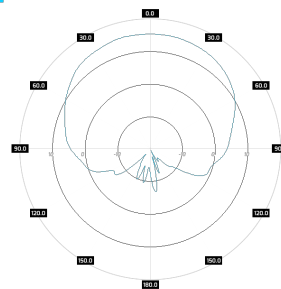
### Plots



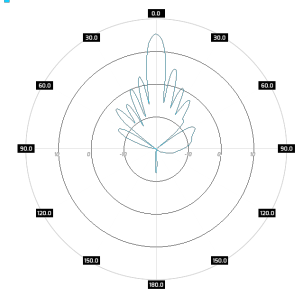
SA D4M5-90-17HV  
azimuth. pol. H



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



SA D4M5-90-17HV  
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