



## BASE SECTOR ANTENNA

# WiBOX SA D8M49-90-17X SLIM SMA

Antenna **WiBOX SA D8M5-90-17X 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 X 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**

ROHS



### Electrical specification

Frequency	4.9 - 5.9 GHz
Gain	17 dBi ±1
VSWR	<1.60, max < 2.00
Beamwidth	90°/8°
Polarization	X
Cross-Polar Isolation	
Front-to-Back	> 25 dB
Separation between Connectors	> 25 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 from -40°F to 158°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 8x 17 dBi ±1
- Polarization X for the frequency of 4900 - 5900 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 lightning - DC Ground
- 36 Warranty Months

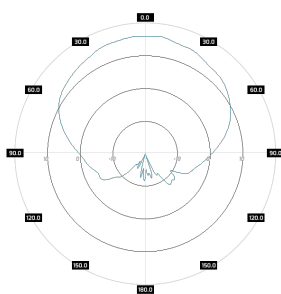
### Systems

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

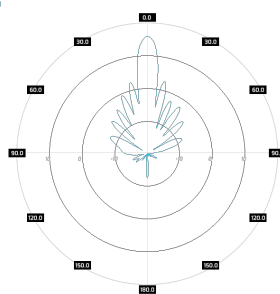
### Compatible with

- MIMOSA** - A5C

### Plots



SA D8M49-90-17X  
azimuth



SA D8M49-90-17X  
elev.