



BASE SECTOR ANTENNA

WiBOX SA D4M49-90-16X SLIM NF

Antenna **WiBOX SA 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	250 - 650mm
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

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

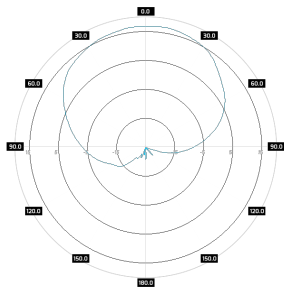
Applications

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

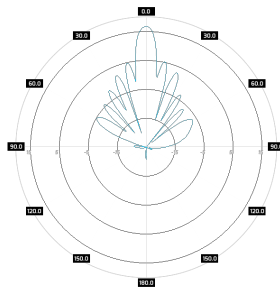
Compatible with

- › **MIMOSA - A5C**

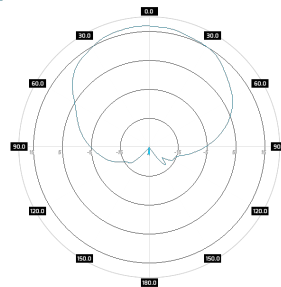
Plots



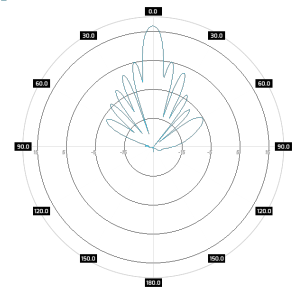
SA D4M49-90-16X
Port 1, azimuth



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



SA D4M49-90-16X
Port 2, azimuth



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