



PTP/CLIENT ANTENNA

WiBOX PA M5-20X for MIMOSA C5C

WiBOX PA M5-20X for MIMOSA C5C is an innovative PTFE microstrip dual polarity X (slant) polarized (MIMO 2x2) planar antenna operating at the frequency range of 5.1 – 5.9 GHz with 20 dBi gain in both polarizations. It is desired for point-to-point (PTP) or point-to-multipoint (PMP) as the client antenna, where the high-gained antennas are required. Due to slant (+/- 45 Deg) polarization, PA M5-20X can be used in interfered environment. The antenna is supplied with special mounting accessory for easy and slight MIMOSA C5C mounting inside the box, giving you full waterproof IP67 system for outdoor usage. It's to be linked with [MIMOSA A5C Access Point](#). The antenna is integrated with the top quality WiBOX Medium box system.

ROHS



Electrical specification

Frequency	5.1 - 5.9 GHz
Gain	20 dBi
VSWR	<2.00
Beamwidth	16°/16°
Polarization	X,H&V or X
Cross-Polar Isolation	
Front-to-Back	> 30 dB
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

Mechanic specification

Dimensions	27.2 x 27.6 x 9.6 cm 10.71 x 10.87 x 3.78 inch
Weight	2 kg
Connector	RJ45 & 2xRP-SMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 80°C from -40°F to 176°F
Wind resistance	70km/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
Max Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

Features

- Gain for the frequency of 5100 - 5900 MHz 2x 20 dBi
- Polarization X,H&V or X for the frequency of 5100 - 5900 MHz
- 2 x Connector RP-SMA
- Big, ergonomic and voluminous WiBOX Medium enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiBOX Medium
- 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

Applications

- PtP connections
- PtM Connections
- System Integration

Compatible with

- MIMOSA - C5C

Plots

