



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 |
| Mast 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

- 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

