



## 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<br>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<br>from -40°F to 176°F         |
| Wind resistance       | 70km/h  |

### Mounting Kit

|                       |   |
|-----------------------|---|
| Dimensions            | 9.9 x 10.5 x 14.8 cm<br>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 +<br>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

