**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 ASC Access Point. The antenna is integrated with the top quality WiBOX Medium box system.

**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**: > 30 dB
- **Front-to-Back**: 50 Q
- **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
- **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
- **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 lighting - DC Ground
- 36 Warranty Months

**Systems**

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

**Applications**

- PTP connections
- PMP Connections
- System Integration

**Compatible with**

- **MIMOSA - C5C**

**Plots**