PTP/CLIENT ANTENNA

WIBOX PA M5-24X SLIM for MIMOSA C5C

WIBOX PA M5-24X for Mimoso C5C is an innovative PTFE microstrip dual polarity X (slant) polarized (MIMO 2x2) planar antenna operating at the frequency range of 5.1 – 5.95 GHz with 24 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 M5-24X 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 Large Slim box system.

**Electrical specification**

- Frequency: 5.1 - 5.95 GHz
- Gain: 24 dBi
- VSWR: <1.80, max < 2.00
- Beamwidth: 8°/8°
- Polarization: X
- Cross-Polar Isolation: > 25 dB
- Front-to-Back: > 30 dB
- Impedance: 50 Ω
- Max Input Power: 50 W
- Lighting Protection: No
- DC Ground: Yes

**Mechanic specification**

- Dimensions: 39.2 x 39.6 x 7.7 cm (15.43 x 15.59 x 3.03 inch)
- Weight: 2.9 kg
- Connector: RJ45 & 2xRP-SMA
- Material: ABS
- Waterproof level: IP67
- Operating temperature: 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: 25 - 65mm
- Material: Polyamide with fiberglass + galvanized steel U-Bolts

**Features**

- Gain for the frequency of 5100 - 5950 MHz 2x 24 dBi
- Polarization X for the frequency of 5100 - 5950 MHz
- 2 x Connector RP-SMA
- Big, ergonomic and voluminous WIBOX Large Slim enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WIBOX Large Slim
- 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
- PTP Connections

**Compatible with**

- MIMOSA - C5C

**Plots**