PTP/CLIENT ANTENNA

WiBOX PA M25-14X

WiBOX PA M25-14X is a dual polarity X (slant +/-45 deg) panel antenna with 14 dBi gain, designed to operate at MIMO 2x2 system. The antenna is predicted for point-to-point (PTP) or point-to-multipoint (PMP) as the client antenna, in interfered environments. WiBOX PA M25-14X can work indoor and outdoor (IP67). The X-polarity helps for establishing links in interfered environments. Due to wide operating frequency range this antenna can operate in the systems WiMAX 2.6Ghz, LTE 2.6 GHz (LTE FDD band 7 and TDD 38, 40, 41), Bluetooth and WLAN 2.4GHz (802.11b/g/n). The antenna is integrated with the top quality WiBOX Medium box system. It comes with 2 x SMA connectors.

Electrical specifications:
- Frequency: 2.3 - 2.7 GHz
- Gain: 14 dBi
- VSWR: <2.00
- Beamwidth: 30°/30°
- Polarization: X
- Cross-Polar Isolation: > 30 dB
- Front-to-Back: > 32 dB
- Impedance: 50 Ω
- Max Input Power: 50 W
- Lighting Protection: No
- DC Ground: Yes

Mechanic specifications:
- Dimensions: 27.2 x 27.6 x 9.6 cm (10.71 x 10.87 x 3.78 inch)
- Weight: 2 kg
- Connector: RJ45 & 2xSMA
- 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 2300 - 2700 MHz 2x 14 dBi
- Polarization X for the frequency of 2300 - 2700 MHz
- 2 x Connector 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:
- LTE band - 7, 38, 40, 41, 2305-2360
- WLAN - 2.4 GHz
- WiMAX - 2.3 GHz, 2.5 GHz
- RFID - 2400 - 2483 MHz
- Bluetooth - 2400-2483 MHz
- ISM - 2400-2483 MHz

Applications:
- PtP connections
- PtM Connections
- System Integration