PTP/CLIENT ANTENNA
WiBOX PA M25-19X

WiBOX PA M25-19X is dual polarity (slant +/-45 deg) panel antenna with 18.5-19 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 M25-19X can work indoor and outdoor (IP67). 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. The antenna is integrated with the top quality WiBOX Large box. It comes with 2 x SMA connectors.

### Electrical specification
- **Frequency**: 2.4 - 2.7 GHz
- **Gain**: 19 dBi
- **Beamwidth**: 16°/16°
- **Polarization**: X
- **Cross-Polar Isolation**: > 30 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 9.6 cm, 15.43 x 15.59 x 3.78 inch
- **Weight**: 2.9 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 2400 - 2700 MHz 2x 19 dBi
- Polarization X for the frequency of 2400 - 2700 MHz
- 2 x Connector SMA
- Big, ergonomic and voluminous WiBOX Large enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiBOX Large
- 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
- 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
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- System Integration