



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.

ROHS



Electrical specification

| | |
|-------------------------------|---------------|
| Frequency | 2.4 - 2.7 GHz |
| Gain | 19 dBi |
| VSWR | <1.60 |
| Beamwidth | 16°/16° |
| Polarization | X |
| Cross-Polar Isolation | |
| Front-to-Back | > 30 dB |
| Separation between Connectors | > 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 lightning - 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
- PtM Connections
- System Integration