**PTP/CLIENT ANTENNA**

**WiBOX PA M3-18X**

WiBOX PA M3-18X is an X-polarity MIMO 2x2 panel antenna operating at a frequency range of: 3.3 - 3.8 GHz with 18 dBi gain. The antenna is predicted for point-to-point (PTP) and point-to-multipoint (PMP) connections as the client antenna. It can work indoor and outdoor (IP 67). It works with WiMAX and LTE (bands 22, 42, 43) systems. The antenna is integrated with the top quality WiBOX Medium box system.

### Electrical specification

- **Frequency**: 3.4 - 3.8 GHz
- **Gain**: 18 dBi
- **VSWR**: <1.50, max x 1.80
- **Beamwidth**: 20°/20°
- **Polarization**: X
- **Cross-Polar Isolation**: > 27 dB
- **Front-to-Back**: > 25 dB
- **Impedance**: 50 Ω
- **Max Input Power**: 20 W
- **Lighting Protection**: No
- **DC Ground**: Yes

### Mechanic specification

- **Dimensions**: 27.2 x 27.6 x 9.6 cm
- **Weight**: 2 kg
- **Connector**: RJ45 & 2xSMA
- **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
- **Regulation Range**: +/- 30°
- **Weight**: 0.87 kg
- **Mast Dimensions Range**: 25 - 65 mm
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- Gain for the frequency of 3400 - 3800 MHz 2x 18 dBi
- Polarization X for the frequency of 3400 - 3800 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 - 22, 42, 43
- WLAN - 3.6 GHz
- WiMAX - 3.5 GHz

### Applications

- PTP connections
- PMP connections
- System Integration

### Plots

- PA M3-18X Port 1, azimuth
- PA M3-18X Port 1, elev.
- PA M3-18X Port 2, azimuth
- PA M3-18X Port 2, elev.