**PTP/CLIENT ANTENNA**

**WiBOX PA M4-20X**

WiBOX PA M4-20X is an innovative PTFE microstrip dual polarity X (slant) polarized (MIMO 2x2) planar antenna operating at the frequency range of 4.4 – 5.0 GHz with 20 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 M4-20X can be used in interfered environment. Can be installed indoor and outdoor (IP67). The antenna is integrated with the top quality WiBOX Medium box system.

### Electrical specification
- **Frequency**: 4.4 - 5.0 GHz
- **Gain**: 20 dBi
- **VSWR**: <2.00
- **Beamwidth**: 16°/16°
- **Polarization**: H&V or X
- **Cross-Polar Isolation**: > 30 dB
- **Front-to-Back**: 50 Q
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: Yes

### Mechanic specification
- **Dimensions**: 27.2 x 27.6 x 9.6 cm
- **Weight**: 1.6 kg
- **Connector**: RJ45 & 2xSMA
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: -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 - 65mm
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

### Features
- Gain for the frequency of 4400 - 5000 MHz 2x 20 dBi
- Polarization H&V or X for the frequency of 4400 - 5000 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
- WLAN - 5 GHz
- WiMAX - 5 GHz

### Applications
- PtP connections
- PtM Connections
- System Integration