**PTP/CLIENT ANTENNA**

**WiBOX PA D4M3-8X, LTE Cat.9**

**WiBOX PA D4M3-8X** is dual polarity X (slant +/-45 deg) panel antenna with 8 dBi gain, designed to operate at MIMO 4x4 system. The antenna is predicted for point-to-point (PTP) or point-to-multipoint (PMP) as the client antenna, in interfered environments. **WiBOX PA D4M3-8X** can work *indoor and outdoor* (IP67). The X-polarity helps for establishing links in interfered environments. Due to operating frequency range this antenna can operate in the systems of **WiMAX** and **LTE cat.9** (bands 22, 42, 43). The antenna is integrated with the top quality **WiBOX Medium** box system. It comes with 4 x SMA connectors.

### Electrical specification

- **Frequency**: 3.4 - 3.8 GHz
- **Gain**: 8 dBi
- **VSWR**: <1.50, max x 1.80
- **Beamwidth**: 30°/30°
- **Polarization**: X
- **Cross-Polar Isolation**: 20 dB
- **Front-to-Back**: > 15 dB
- **Separation between Connectors**: > 20 dB
- **Impedance**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: Yes

### Mechanic specification

- **Dimensions**: 27 x 27 x 6.2 cm (10.63 x 10.63 x 2.44 inch)
- **Weight**: 1.6 kg
- **Connector**: RJ45 & 4xSMA
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -20°C to 80°C
- **Wind resistance**: 160km/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 3400 - 3800 MHz 4x 8 dBi
- Polarization X for the frequency of 3400 - 3800 MHz
- 4 x Connector SMA
- Big, ergonomic and voluminous **WiBOX Medium Slim** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure **WiBOX Medium Slim**
- 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
- PtM Connections

### Plots