



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-polarization 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.

ROHS



Electrical specification

| | |
|-------------------------------|-------------------|
| Frequency | 3.4 - 3.8 GHz |
| Gain | 8 dBi |
| VSWR | <1.50, max < 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 from -4°F to 176°F |
| 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 lightning - 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

