



## PTP/CLIENT ANTENNA

# WiBOX PA M25-14X

**WiBOX PA M25-14X is dual polarity X (slant +/-45 deg) panel antenna with 14 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 M25-14X can work indoor and outdoor (IP67). The X-polarity helps for establishing links in interfered environments. 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 (802.11b/g/n). The antenna is integrated with the top quality WiBOX Medium box system. It comes with 2 x SMA connectors.**

ROHS

DC GROUND

IP67

UV RESISTANT

ABS

### Electrical specification

Frequency	2.3 - 2.7 GHz
Gain	14 dBi
VSWR	<2.00
Beamwidth	30°/30°
Polarization	X
Cross-Polar Isolation	
Front-to-Back	> 30 dB
Separation between Connectors	> 32 dB
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

### Mechanic specification

Dimensions	27.2 x 27.6 x 9.6 cm 10.71 x 10.87 x 3.78 inch
Weight	2 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 2300 - 2700 MHz 2x 14 dBi
- › Polarization X for the frequency of 2300 - 2700 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 lightning - DC Ground
- › 36 Warranty Months

### Systems

- › LTE band - 7, 30, 38, 40, 41, 53, 69
- › 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