



## PTP/CLIENT ANTENNA

# WiBOX PA M25-19X

**WiBOX PA M25-19X is dual polarity (slant +/-45 deg) panel antenna with 18,5-19 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 M25-19X can work indoor and outdoor (IP67). 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. The antenna is integrated with the top quality WiBOX Large box. It comes with 2 x SMA connectors.**


 ROHS


 DC GROUND


 IP67


 UV RESISTANT


 ABS

### Electrical specification

Frequency	2.4 - 2.7 GHz
Gain	19 dBi
VSWR	<1.60
Beamwidth	16°/16°
Polarization	X
Cross-Polar Isolation	
Front-to-Back	> 30 dB
Separation between Connectors	> 30 dB
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

### Mechanic specification

Dimensions	39.2 x 39.6 x 9.9 cm 15.43 x 15.59 x 3.9 inch
Weight	2.9 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 2400 - 2700 MHz 2x 19 dBi
- ▶ Polarization X for the frequency of 2400 - 2700 MHz
- ▶ 2 x Connector SMA
- ▶ Big, ergonomic and voluminous **WiBOX Large** enclosure for radio equipment installation
- ▶ Outdoor Waterproof Enclosure **WiBOX Large**
- ▶ Designed and resistant for any weather conditions
- ▶ RJ45 Waterproof System
- ▶ Grounding system protecting against lightning - DC Ground
- ▶ 36 Warranty Months

### Systems

- ▶ LTE band - 7, 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