



## PTP/CLIENT ANTENNA

# WiBOX PA M3-18X

WiBOX PA M3-18X is an X-polarity MIMO 2x2 panel antenna operating at a frequency range of: 3.3 - 3.8 GHz with 18 dBi gain. The antenna is predicted for point-to-point (PTP) and point-to-multipoint (PMP) connections as the client antenna. It can work indoor and outdoor (IP 67). It works with WiMAX and LTE (bands 22, 42, 43) systems. The antenna is integrated with the top quality WiBOX Medium box system.

ROHS



### Electrical specification

Frequency	3.4 - 3.8 GHz
Gain	18 dBi
VSWR	<1.50, max < 1.80
Beamwidth	20°/20°
Polarization	X
Cross-Polar Isolation	
Front-to-Back	> 27 dB
Separation between Connectors	> 25 dB
Impedance	50 Ω
Max Input Power	20 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
Mount Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- › Gain for the frequency of 3400 - 3800 MHz 2x 18 dBi
- › Polarization X for the frequency of 3400 - 3800 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

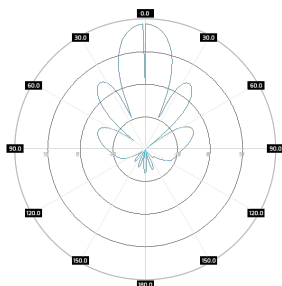
### Systems

- › LTE band - 22, 42, 43, 48, 49, 52
- › WLAN - 3.6 GHz
- › WiMAX - 3.5 GHz

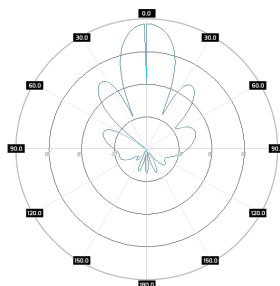
### Applications

- › PtP connections
- › PtM Connections
- › System Integration

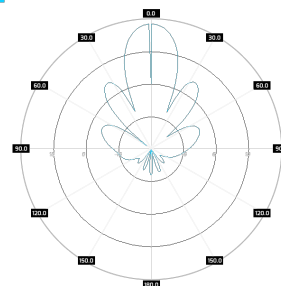
### Plots



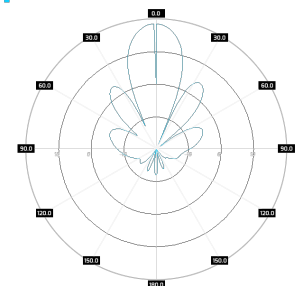
PA M3-18X  
Port 1, azimuth



PA M3-18X  
Port 1, elev.



PA M3-18X  
Port 2, azimuth



PA M3-18X  
Port 2, elev.