



## PTP/CLIENT ANTENNA

# WiBOX PA M0407-8X

**WiBOX PA M0407-8X** is a **MIMO 2x2** patch panel antenna dedicated to **TV White Space** operating at the frequency: **470-700 MHz** with **8 dBi** gain. The antenna is predicted to be used outdoor, it works in **X (slant)** polarization. Its wide beams makes it ideal solution for mobile installations as the client antenna. The aerial can be used e.g. for TV transmission (or any system operating on this band). The antenna is integrated with the top quality **WiBOX Large** box system and comes with No. 2 of N Female connectors located on the bottom of the enclosure.

ROHS

DC GROUND

IP67

UV RESISTANT

ABS

### Electrical specification

Frequency	0.47 - 0.7 GHz
Gain	7 dBi ±1
VSWR	<1.60, max < 2.00
Beamwidth	75°/75° +/- 10°
Polarization	X
Cross-Polar Isolation	17 dB
Front-to-Back	> 15 dB
Separation between Connectors	> 17 dB
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

### Mechanic specification

Dimensions	39.2 x 39.6 x 9.6 cm 15.43 x 15.59 x 3.78 inch
Weight	2.1 kg
Connector	RJ45 & 2xN
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 470 - 700 MHz  
2x 7 dBi ±1
- Polarization X for the frequency of 470 - 700 MHz
- 2 x Connector N
- 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

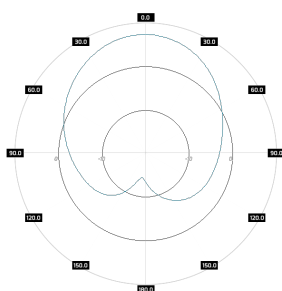
### Systems

- WiMAX - 700 MHz
- GSM - 400 MHz

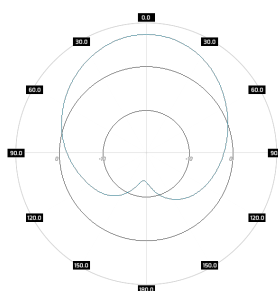
### Applications

- System Integration

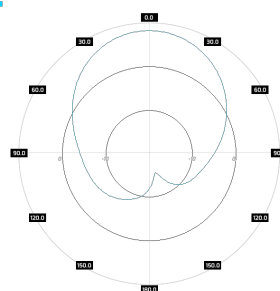
### Plots



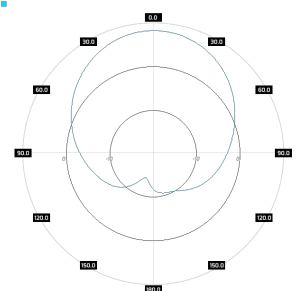
PA M0407-8X  
Port 1, azimuth



PA M0407-8X  
Port 1, elev.



PA M0407-8X  
Port 2, azimuth



PA M0407-8X  
Port 2, elev.