



## PTP/CLIENT ANTENNA

# WiBOX PA M0407-8HV

**WiBOX PA M0407-8HV** is a MIMO 2x2 patch sector 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 H&V polarization. It's wide beams makes it ideal solution for mobile installations as the client antenna. The aerial can be used e.g. for TV transmission. 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



### Electrical specification

Frequency	0.47 - 0.7 GHz
Gain	7 dBi ±1
VSWR	<1.60, max < 2.00
Beamwidth	75°/75° +/- 10°
Polarization	H&V
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 H&V 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

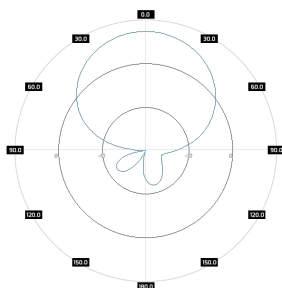
### Systems

- › WiMAX - 700 MHz
- › GSM - 400 MHz

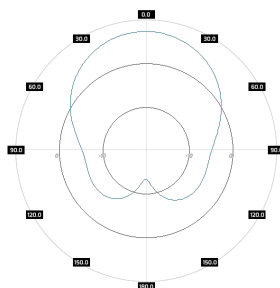
### Applications

- › System Integration

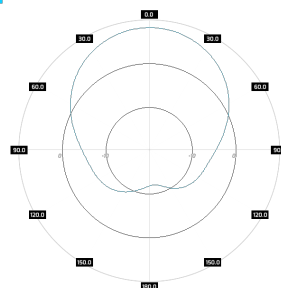
### Plots



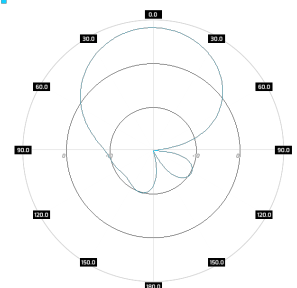
PA M0407-8HV  
Pol. H, azimuth



PA M0407-8HV  
Pol. H, elev.



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