



## PTP/CLIENT ANTENNA

# WiBOX PA M0809-8HV

ROHS



### Electrical specification

Frequency	0.83 - 0.96 GHz
Gain	8 dBi
VSWR	<1.60, max < 2.00
Beamwidth	70°/70° +/- 5°
Polarization	H&V
Cross-Polar Isolation	>20 dB
Front-to-Back	> 15 dB
Separation between Connectors	> 25 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	1.55 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 830 - 960 MHz  
2x 8 dBi
- > Polarization H&V for the frequency of  
830 - 960 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

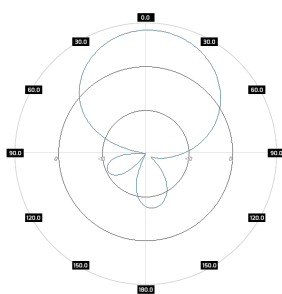
### Systems

- > LTE band - 5, 6, 8, 18, 19, 26
- > WiMAX - 700 MHz
- > 3G - 850 MHz, 900 MHz
- > GSM - 850 MHz
- > RFID - 865 - 868 MHz, 902 - 928 MHz
- > ISM - 868-870 MHz

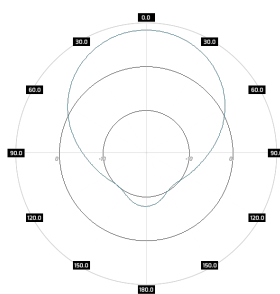
### Applications

- > PtP connections
- > PtM Connections
- > System Integration

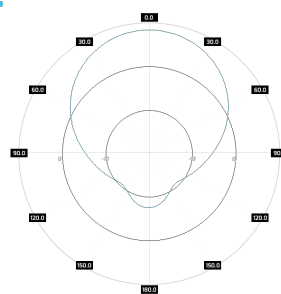
### Plots



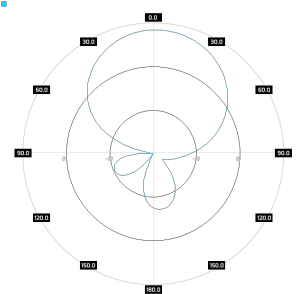
PA M0809-8HV  
Pol H, azimuth



PA M0809-8HV  
Pol H, elev.



PA M0809-8HV  
Pol V, azimuth



PA M0809-8HV  
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