



## PTP/CLIENT ANTENNA

# WiBOX PA 0809-8H

**ROHS**


### Electrical specification

Frequency	0.83 - 0.96 GHz
Gain	8 dBi
VSWR	<1.60, max < 2.00
Beamwidth	70°/70° +/- 5°
Polarization	H
Cross-Polar Isolation	>20 dB
Front-to-Back	> 15 dB
Separation between Connectors	
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 & 1xSMA
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  
1x 8 dBi
- › Polarization H for the frequency of 830 - 960 MHz
- › 1 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

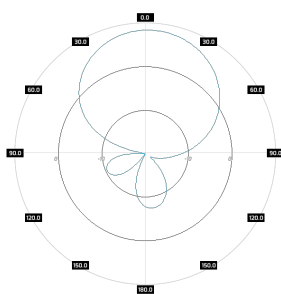
### Systems

- › 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

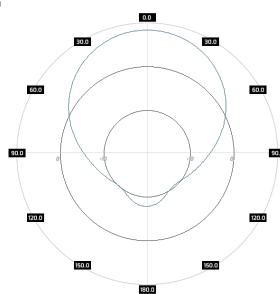
### Applications

- › System Integration

### Plots



PA 0809-8H  
Pol H, azimuth



PA 0809-8H  
Pol H, elev.