PTP/CLIENT ANTENNA

WiBOX PA 0809-8V.

**WiBOX PA 0809-8V** is an 8 dBi 830-960 MHz panel antenna. The antenna comes in a **WiBOX Medium** IP67 outdoor enclosure. It’s equipped with SMA internal connector.

### Electrical specification

- **Frequency**: 0.83 - 0.96 GHz
- **Gain**: 8 dB
- **VSWR**: <1.60, max < 2.00
- **Beamwidth**: 70°/70° +/- 5°
- **Polarization**: V
- **Cross-Polar Isolation**: >20 dB
- **Front-to-Back**: > 15 dB
- **Separation between Connectors**: > 26 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 & 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
- 8 dB
- Polarization V for the frequency of 830 - 960 MHz
- 1x Connector SMA
- Big, ergonomic and voluminous **WiBOX Medium** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

### Systems

- LTE band - 5, 6, 8, 18, 19, 26
- WiMAX - 700 MHz
- 3G - 850 MHz, 900 MHz
- GSM - 950 MHz
- RFID - 865 - 868 MHz, 902 - 928 MHz
- ISM - 868-870 MHz

### Applications

- System Integration

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### Plots

- **PA 0809-BV** Pol V, azimuth
- **PA 0809-BV** Pol V, elev.