PTP/CLIENT ANTENNA

WiBOX PA M5-24HV

WiBOX PA M5-24HV is an innovative PTFE microstrip dual polarity H&V polarized (MIMO 2x2) planar antenna operating at the frequency range of 5.15 – 5.95 GHz with 24 dBi gain in both polarizations. It is desired for point-to-point (PTP) or point-to-multipoint (PMP) as the client antenna, where the high-gained antennas are required. Works with WLAN 802.11n/ac systems. Can be installed indoor and outdoor (IP67). The antenna is integrated with the top quality WiBOX Large system.

**Electrical specification**

- Frequency: 5.15 - 5.95 GHz
- Gain: 24 dBi
- VSWR: < 2.00
- Beamwidth: 8°/8°
- Polarization: H&V
- Cross-Polar Isolation: > 30 dB
- Front-to-Back: > 41 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: 2.9 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: 70 km/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 - 65 mm
- Material: Polyamide with fiberglass + galvanized steel U-Bolts

**Features**

- Gain for the frequency of 5150 - 5950 MHz 2x 24 dBi
- Polarization H&V for the frequency of 5150 - 5950 MHz
- 2 x Connector SMA
- 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**

- WLAN - 5 GHz
- WiMAX - 5 GHz
- RFID - 5725 - 5875 MHz
- ISM - 5725-5875 MHz

**Applications**

- PtP connections
- PtM Connections
- System Integration

**Plots**

- Radiation pattern Port 1 Pol 1
- Radiation pattern Port 1 Pol 2
- Radiation pattern Port 2 Pol 1
- Radiation pattern Port 2 Pol 2