PTP/CLIENT ANTENNA

WiBOX PA M5-22HV

WiBOX PA M5-22HV is an dual polarity H&V polarized (MIMO 2x2) planar antenna operating at the frequency range of 5.1 – 5.95 GHz with 22 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. WiBOX PA M5-22HV 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**: 5.1 - 5.9 GHz
- **Gain**: 22 dBi
- **VSWR**: <2.00
- **Beamwidth**: 8°/16°
- **Polarization**: H&V
- **Cross-Polar Isolation**: > 30 dB
- **Front-to-Back**: > 35 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
- **Weight**: 3 kg
- **Connector**: RJ45 & 2xSMA
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 80°C
- **Wind resistance**: 70km/h

**Mounting Kit**

- **Dimensions**: 9.9 x 10.5 x 14.8 cm
- **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 5100 - 5900 MHz 2x 22 dBi
- Polarization H&V for the frequency of 5100 - 5900 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 lighting - 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