PTP/CLIENT ANTENNA

WiBOX PA M23-19HV

WiBOX PA M23-19HV is dual polarity HV panel antenna with 19 dBi gain (frequency 2200-2500 MHz), designed to operate at MIMO 2x2 system. The antenna is predicted for point-to-point (PTP) or point-to-multipoint (PMP) as the client antenna, in interfered environments. WiBOX PA M23-19HV can work indoor and outdoor (IP67). Due to wide operating frequency range this antenna can operate in the systems like Bluetooth, WLAN 2.4GHz or American S Band (225, 235). The antenna is integrated with the top quality WiBOX Large Slim and comes with 2 x N Female connectors.

Electrical specification

- Frequency: 2.2 - 2.5 GHz
- Gain: 19 dBi ±1
- VSWR: <1.70
- Beamwidth: 20°/20° +/- 2°
- Polarization: H&V
- Cross-Polar Isolation: > 25 dB
- Front-to-Back: > 35 dB
- Separation between Connectors: > 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 7.7 cm (15.43 x 15.59 x 3.03 inch)
- Weight: 0 kg
- Connector: RJ45 & 2xN
- Material: ABS
- Waterproof level: IP67
- Operating temperature: from -40°F to 32°F
- Wind resistance: 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 - 65mm
- Material: Polyamide with fiberglass + galvanized steel U-Bolts

Features

- Gain for the frequency of 2200 - 2500 MHz 2x 19 dBi ±1
- Polarization H&V for the frequency of 2200 - 2500 MHz
- 2 x Connector N
- Big, ergonomic and voluminous WiBOX Large Slim enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiBOX Large Slim
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

Systems

- LTE band - 40, 41, 2305-2360 MHz
- WLAN - 2.4 GHz
- WIMAX - 2.3 GHz, 2.5 GHz
- RFID - 2400-2483 MHz
- Bluetooth - 2400-2483 MHz
- ISM - 2400-2483 MHz

Applications

- PtP connections
- PtM Connections

Plots

- PA M23-19HV Pol. H, azimuth
- PA M23-19HV Pol. V, azimuth