BASE SECTOR ANTENNA

WiBOX SA D3M5-90-14XV

WiBOX SA D3M5-90-14XV is an X&V polarity MIMO 3x3 sector antenna operating at a frequency range of: 5.1 - 5.85 GHz with 14 dBi gain. The antenna is predicted for point-to-multipoint (PMP) connections, can be used for covering small and medium areas as a base station for client stations or as the hotspot in schools, halls, stadiums or another public places. It can work indoor and outdoor (IP 67). It works with the WLAN 802.11n/ac systems.

**Electrical specification**

- **Frequency**: 5.1 - 5.85 GHz
- **Gain**: 14 dBi
- **VSWR**: <2.00
- **Beamwidth**: 16°/90°
- **Polarization**: V,X
- **Cross-Polar Isolation**: 20 dB
- **Front-to-Back**: > 20 dB
- **Impedance**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: No

**Mechanic specification**

- **Dimensions**: 27.2 x 27.6 x 6.2 cm (10.71 x 10.87 x 2.44 inch)
- **Weight**: 1.6 kg
- **Connector**: 3xN Female
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 70°C
- **Wind resistance**: 120km/h

**Mounting Kit**

- **Dimensions**: 9.9 x 10.5 x 14.8 cm (3.9 x 4.13 x 5.83 inch)
- **Weight**: 0.87 kg
- **Mast Dimensions Range**: 25 - 65 mm
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

**Features**

- Gain for the frequency of 5100 - 5850 MHz 3x 14 dBi
- Polarization V,X for the frequency of 5100 - 5850 MHz
- 3 x Connector N Female
- Big, ergonomic and voluminous WiBOX Medium Slim 3xN enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiBOX Medium Slim 3xN
- Designed and resistant for any weather conditions
- 36 Warranty Months

**Systems**

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

**Applications**

- Stadiums, Public Places
- Hotspot
- P2M Connections