**BASE SECTOR ANTENNA**

**WiSector SA 3520X-33-M2**

WiSector SA 3520X-33-M2 is an X (slant +/- 45º) polarization MIMO 2x2 sector antenna operating at a frequency range of: 3.3 - 3.8 GHz with 18 dBi gain and 2 deg. electrical tilt. The antenna is predicted for point-to-multipoint (PMP) connections, can be used for covering medium and big 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. It works with the WLAN 802.11n/ac systems. The antenna comes with No. 2 N Female connector, it enables WiSector SA 3520X-65-M2 to create complete MIMO2x2 base station.

### Electrical specification

- **Frequency**: 3.3 - 3.8 GHz
- **Gain**: 20 dBi ±1
- **VSWR**: <=1.40, max <= 1.40
- **Beamwidth**: 8º/39º
- **Polarization**: X
- **Cross-Polar Isolation**: 25 dB
- **Front-to-Back**: > 38 dB +/- 1 dB
- **Separation between Connectors**: > 40 dB +/- 2 dB
- **Impedance**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: Yes

### Features

- Gain for the frequency of 3300 - 3800 MHz 2x 20 dBi ±1
- Polarization X for the frequency of 3300 - 3800 MHz
- 2 x Connector N Female
- Big, ergonomic and voluminous WiSector Small enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiSector Small
- Designed and resistant for any weather conditions
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

### Systems

- LTE band - 22, 42, 43
- WLAN - 3.6 GHz
- WiMAX - 3.5 GHz

### Applications

- Stadiums, Public Places
- Hotspot
- PtM Connections

### Mechanic specification

- **Dimensions**: 12 x 75.5 x 7 cm / 4.72 x 29.72 x 2.76 inch
- **Weight**: 4.7 kg
- **Connector**: 2x N Female
- **Material**: PVC
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 70°C / from -40°F to 158°F
- **Wind resistance**: km/h

### Mounting Kit

- **Dimensions**
- **Regulation Range**
- **Weight**
- ** mast Dimensions Range**
- **Material**

### Plots