



## BASE SECTOR ANTENNA

# WiSector SA 3520X-33-M4

**WiSector SA 3520X-33-M4** is an **2x Slant +/- 45°** polarity **MIMO 4x4** sector antenna operating at a frequency range of: 3.3 - 3.8 GHz with 20 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. 4 N Female connector, it enables **WiSector SA 3520X-33-M4** to create complete **MIMO4x4** base station.

ROHS


 UV  
RESISTANT


### Electrical specification

|                               |                   |
|-------------------------------|-------------------|
| Frequency                     | 3.3 - 3.8 GHz     |
| Gain                          | 20 dBi ±1         |
| VSWR                          | <1.30, max < 1.40 |
| Beamwidth                     | 8°/39°            |
| 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               |

### Mechanic specification

|                       |  |
|-----------------------|--|
| Dimensions            | 12 x 75.5 x 7 cm<br>4.72 x 29.72 x 2.76 inch |
| Weight                | 4.7 kg                                       |
| Connector             | 4xN Female                                   |
| Material              | PVC  |
| Waterproof level      |  |
| Operating temperature | from -40°C to 70°C<br>from -40°F to 158°F    |
| Wind resistance       | km/h   |

### Mounting Kit

|                       |  |
|-----------------------|--|
| Dimensions            |  |
| Regulation Range      |  |
| Weight                |  |
| Mast Dimensions Range |  |
| Material              |  |

### Features

- › Gain for the frequency of 3300 - 3800 MHz 4x 20 dBi ±1
- › Polarization X for the frequency of 3300 - 3800 MHz
- › 4 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 lightning - DC Ground
- › 36 Warranty Months

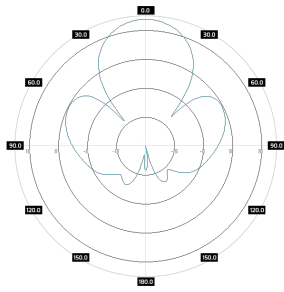
### Systems

- › LTE band - 22, 42, 43, 48, 49, 52
- › WLAN - 3.6 GHz
- › WiMAX - 3.5 GHz

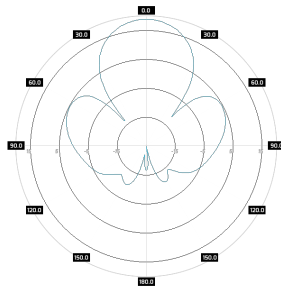
### Applications

- › Stadiums, Public Places
- › Hotspot
- › PtM Connections

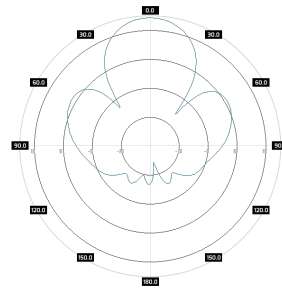
### Plots



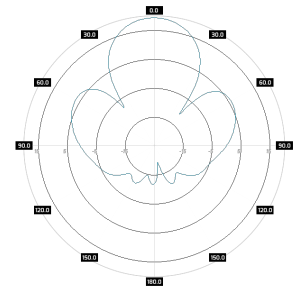
Azimuth  
Port 1 & 3, 3300 MHz



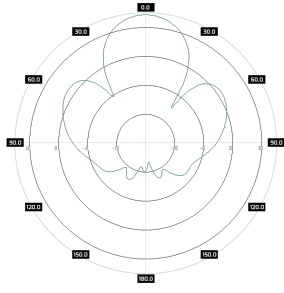
Azimuth  
Port 2 & 4, 3300 MHz



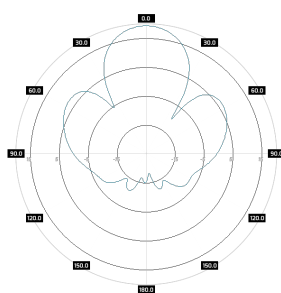
Azimuth  
Port 1 & 3, 3500 MHz



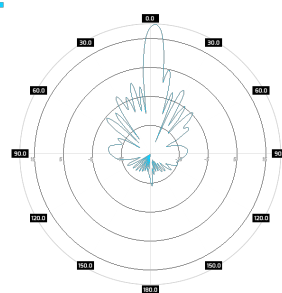
Azimuth  
Port 2 & 4, 3500 MHz



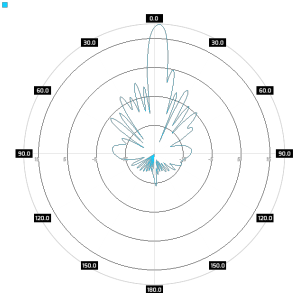
Azimuth  
Port 1 & 3, 3800 MHz



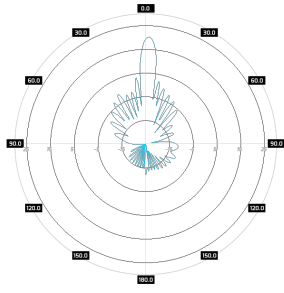
Azimuth  
Port 2 & 4, 3800 MHz



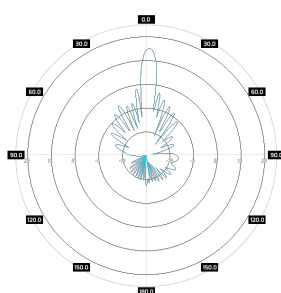
Elevation  
Port 1 & 3, 3300 MHz



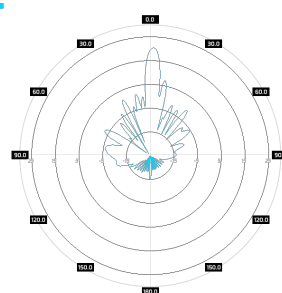
Elevation  
Port 2 & 4, 3300 MHz



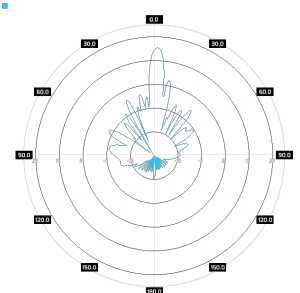
Elevation  
Port 1 & 3, 3500 MHz



Elevation  
Port 2 & 4, 3500 MHz



Elevation  
Port 1 & 3, 3800 MHz



Elevation  
Port 2 & 4, 3800 MHz