



BASE SECTOR ANTENNA

WiSector SA 3518X-65-M4

WiSector SA 3518X-65-M4 is an **2x Slant +/- 45°** polarity **MIMO 4x4** 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 3518X-65-M4** to create complete **MIMO4x4** base station.

ROHS



Electrical specification

| | |
|-------------------------------|-------------------|
| Frequency | 3.3 - 3.8 GHz |
| Gain | 18 dBi ±1 |
| VSWR | <1.40, max < 1.50 |
| Beamwidth | 8°/73° |
| Polarization | X |
| Cross-Polar Isolation | 25 dB |
| Front-to-Back | > 35 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 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 from -40°F to 158°F |
| Wind resistance | km/h |

Mounting Kit

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

Plots

Features

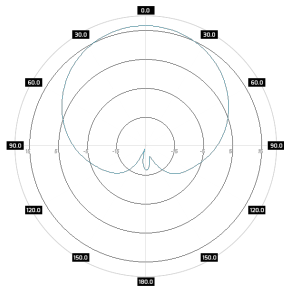
- > Gain for the frequency of 3300 - 3800 MHz 4x 18 dBi ±1
- > Polarization X for the frequency of 3300 - 3800 MHz
- > 4 x Connector N Female
- > Big, ergonomic and voluminous **WiSector Small** enclosure for radio equipment installation
- > Outdoor Waterproof Enclosure **WiSector Small**
- > Designed and resistant for any weather conditions
- > Grounding system protecting against lightning - DC Ground
- > 36 Warranty Months

Systems

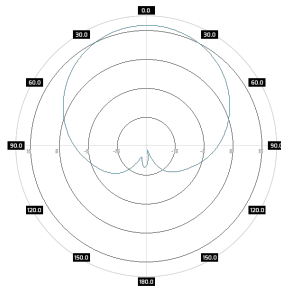
- > LTE band - 22, 42, 43, 48, 49, 52
- > WLAN - 3.6 GHz
- > WiMAX - 3.5 GHz

Applications

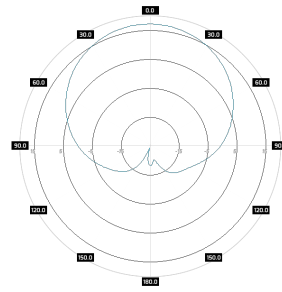
- > Stadiums, Public Places
- > Hotspot
- > PtM Connections



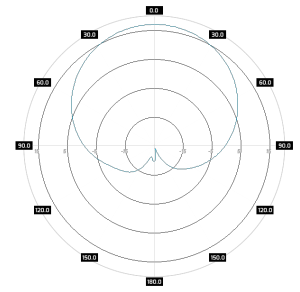
Azimuth
Port 1 & 3, 3300 MHz



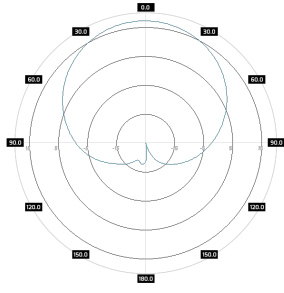
Azimuth
Port 2 & 4, 3300 MHz



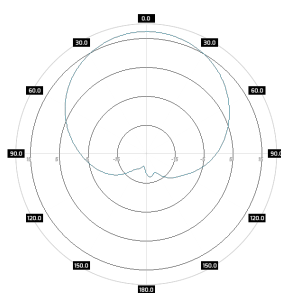
Azimuth
Port 1 & 3, 3500 MHz



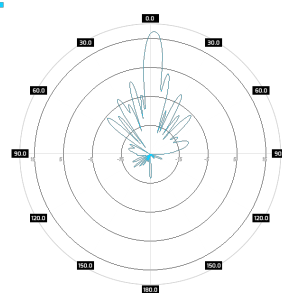
Azimuth
Port 2 & 4, 3500 MHz



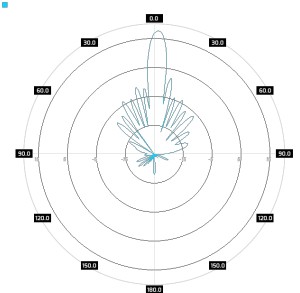
Azimuth
Port 1 & 3, 3800 MHz



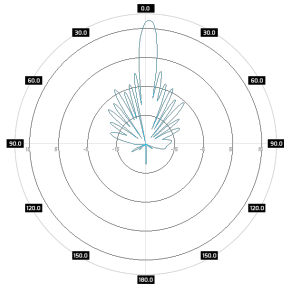
Azimuth
Port 2 & 4, 3800 MHz



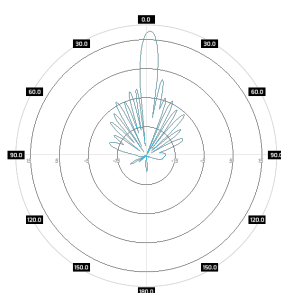
Elevation
Port 1 & 3, 3300 MHz



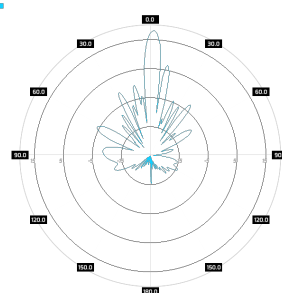
Elevation
Port 2 & 4, 3300 MHz



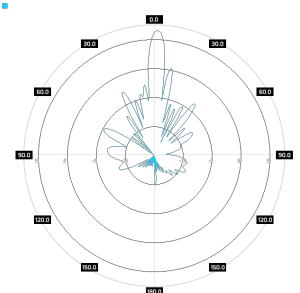
Elevation
Port 1 & 3, 3500 MHz



Elevation
Port 2 & 4, 3500 MHz



Elevation
Port 1 & 3, 3800 MHz



Elevation
Port 2 & 4, 3800 MHz