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BASE SECTOR ANTENNA

WiSector SA 3518X-65-M4

ROHS

DC GROUND

UV RESISTANT

03 PVC

WiSector SA 3518X-65-M4 *is an* ***2x Slant +/- 45º*** *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.*

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	

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 lighting - 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

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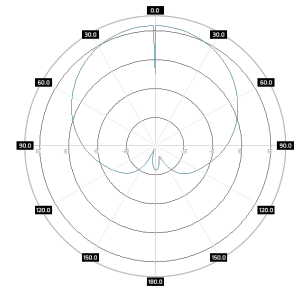
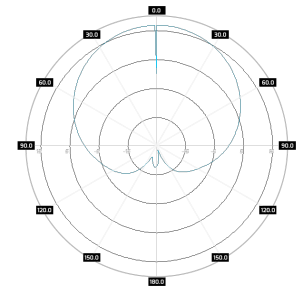
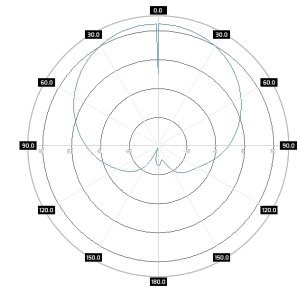


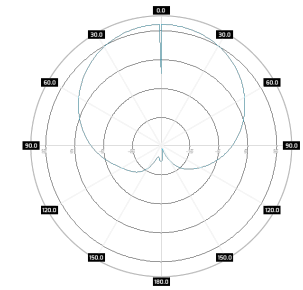
Azimuth
Port 1 & 3, 3300 MHz



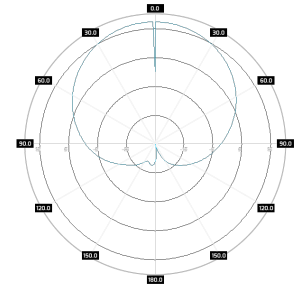
Azimuth
Port 2 & 4, 3300 MHz



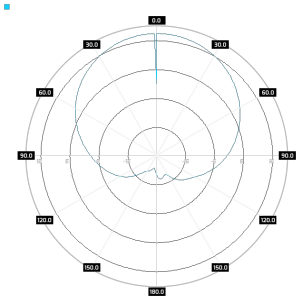
Azimuth
Port 1 & 3, 3500 MHz



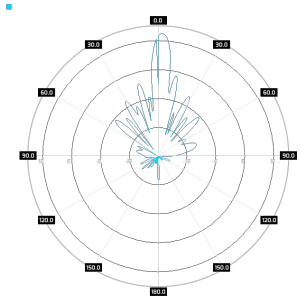
Azimuth
Port 2 & 4, 3500 MHz



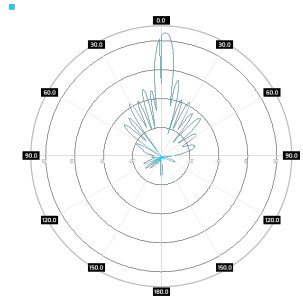
Azimuth
Port 1 & 3, 3800 MHz



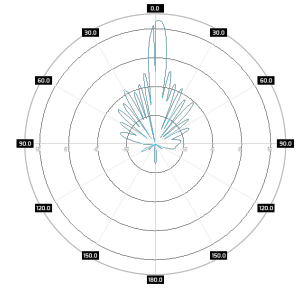
Azimuth
Port 2 & 4, 3800 MHz



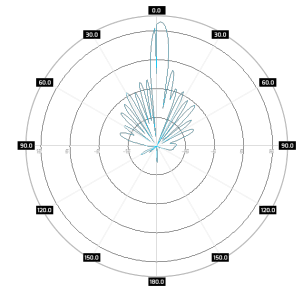
Elevation
Port 1 & 3, 3300 MHz



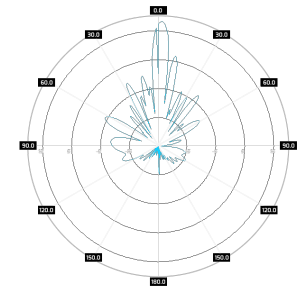
Elevation
Port 2 & 4, 3300 MHz



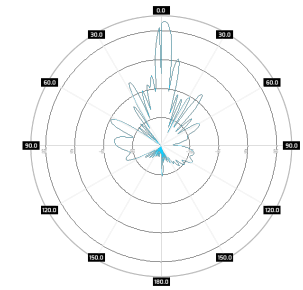
Elevation
Port 1 & 3, 3500 MHz



Elevation
Port 2 & 4, 3500 MHz



Elevation
Port 1 & 3, 3800 MHz



Elevation
Port 2 & 4, 3800 MHz

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