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BASE SECTOR ANTENNA

WiSector SA 3518X-65-M2

WiSector SA 3518X-65-M2 *is an* ***X (slant +/- 45º)*** *polarity* ***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 3518X-65-M2*** *to create complete* ***MIMO2x2*** *base station.*

ROHS

DC GROUND

UV RESISTANT

03 PVC

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	2xN 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 2x 18 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, 48, 49, 52
- WLAN - 3.6 GHz
- WiMAX - 3.5 GHz

Applications

- Stadiums, Public Places
- Hotspot
- PtM Connections

Plots

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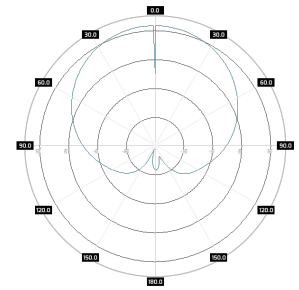
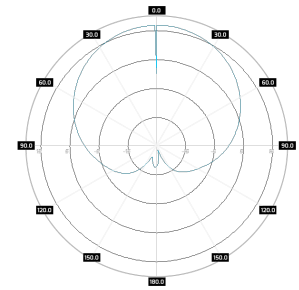
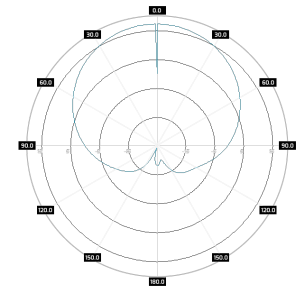


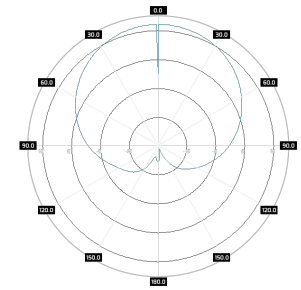
Azimuth
Port 1, 3300 MHz



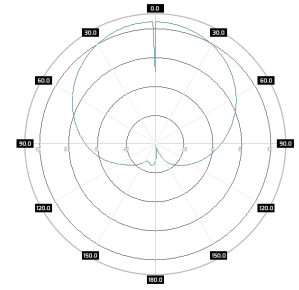
Azimuth
Port 2, 3300 MHz



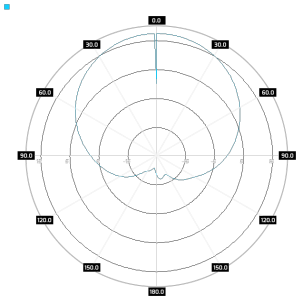
Azimuth
Port 1, 3500 MHz



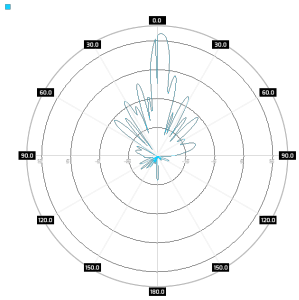
Azimuth
Port 2, 3500 MHz



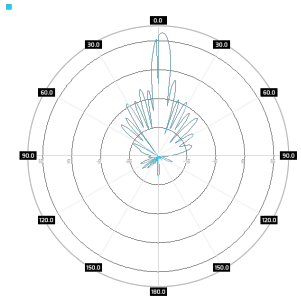
Azimuth
Port 1, 3800 MHz



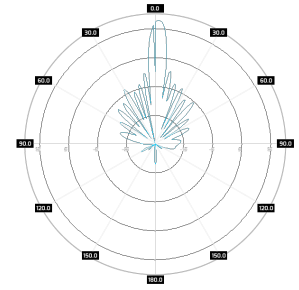
Azimuth
Port 2, 3800 MHz



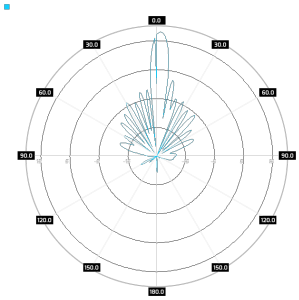
Elevation
Port 1, 3300 MHz



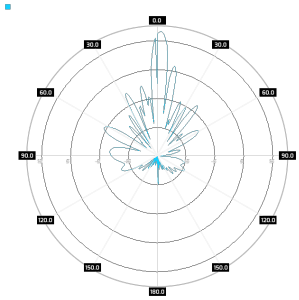
Elevation
Port 2 , 3300 MHz



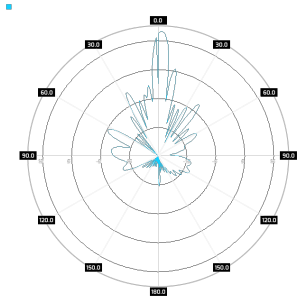
Elevation
Port 1, 3500 MHz



Elevation
Port 2, 3500 MHz



Elevation
Port 1, 3800 MHz



Elevation
Port 2, 3800 MHz

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