



## BASE SECTOR ANTENNA

# WiSector SA M5-90-17X

**WiSector SA M5-90-17X** is an X (slant +/- 45°) polarity **MIMO 2x2** sector antenna operating at a frequency range of: 5.0 - 6.0 GHz with 17 dBi gain. 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 M5-90-17X** to create complete **MIMO2x2** base station.

ROHS

UV  
RESISTANT



### Electrical specification

Frequency	5 - 6 GHz
Gain	17 dBi
VSWR	<2.00
Beamwidth	8°/80°
Polarization	X
Cross-Polar Isolation	25 dB
Front-to-Back	> 24 dB
Separation between Connectors	> 22 dB
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	No

### Mechanic specification

Dimensions	12 x 44.5 x 5.5 cm 4.72 x 17.52 x 2.17 inch
Weight	1.8 kg
Connector	2xN Female
Material	PVC
Waterproof level	IP65
Operating temperature	from -40°C to 70°C from -40°F to 158°F
Wind resistance	160km/h

### Mounting Kit

Dimensions	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
Regulation Range	+/- 30°
Weight	0.87 kg
Mast Dimensions Range	250 - 650mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- › Gain for the frequency of 5000 - 6000 MHz 2x 17 dBi
- › Polarization X for the frequency of 5000 - 6000 MHz
- › 2 x Connector N Female
- › Big, ergonomic and voluminous **WiSector** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiSector**
- › Designed and resistant for any weather conditions
- › 36 Warranty Months

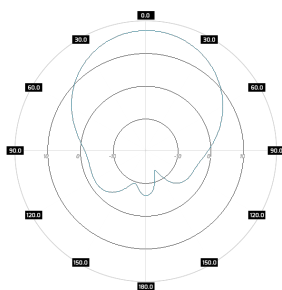
### Systems

- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

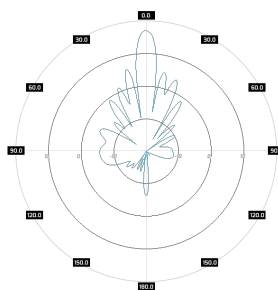
### Applications

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

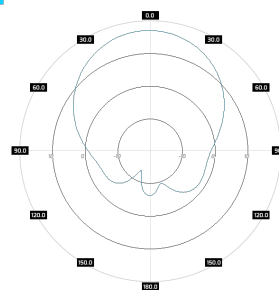
### Plots



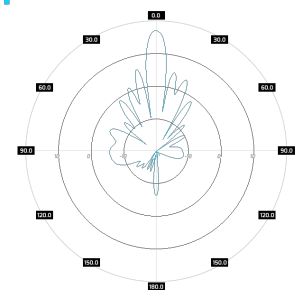
SA M5-90-17X  
Port 1, azimuth



SA M5-90-17X  
Port 1, elev.



SA M5-90-17X  
Port 2, azimuth



SA M5-90-17X  
Port 2, elev.