



## BASE SECTOR ANTENNA

# WiSector SA M5-90-17X ProBOX

**WiSector SA M5-90-17X ProBOX** 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 has a special installation compartment ("drawer for electronic board") and the highest quality **PoE RJ45 waterproof system** which enables to create complete PoE supplied base station.

ROHS

UV  
RESISTANT

03  
PVC

### Electrical specification

Frequency	5 - 6 GHz
Gain	17 dBi
VSWR	<2.00
Beamwidth	8°/84°
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	18 x 40 x 9 cm 7.09 x 15.75 x 3.54 inch
Weight	2.1 kg
Connector	RJ45 & 2xMMCX
Material	PVC
Waterproof level	IP65
Operating temperature	from -40 + 70°C to °C from -40°F to 32°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 MMCX
- › Big, ergonomic and voluminous **WiSector ProBOX** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiSector ProBOX**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › 36 Warranty Months

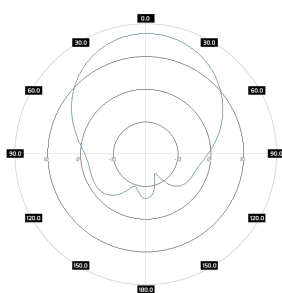
### Systems

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

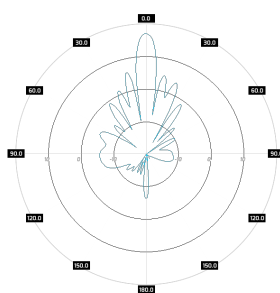
### Applications

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

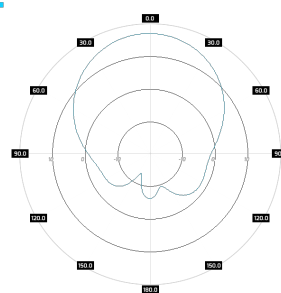
### Plots



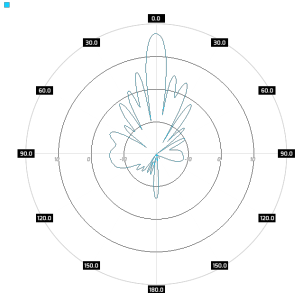
SA M5-90-17X  
Port 1, azimuth



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



SA M5-90-17X  
Port 2, azimuth



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