



## BASE SECTOR ANTENNA

# WiSector SA D2M5-90-17X

WiSector SA D2M5-90-17X is double dual polarity sector antenna. It contains 2 dual polarity X 5 GHz 90 degrees sector antennas. Antenna is predicted to create medium links in outdoor environment, at the frequency of 5 GHz. WiSector SA D2M5-90-17X comes with 4 N Female connector located at the bottom of the enclosure. The antenna PCBs are made from efficient PTFE material, due to this, the antenna performances are improved. The aerial system is equipped with WiMount mounting system, which is made from very durable fiberglass material.





### 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	2 kg
Connector	
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
Max Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- › Gain for the frequency of 5000 - 6000 MHz 0x 17 dBi
- › Polarization X for the frequency of 5000 - 6000 MHz
- › 0 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

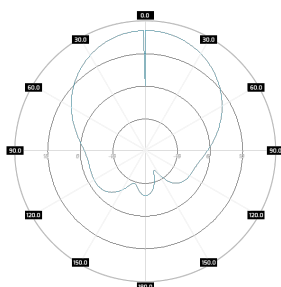
### Systems

- › LTE band - 46, 47, 252, 255
- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

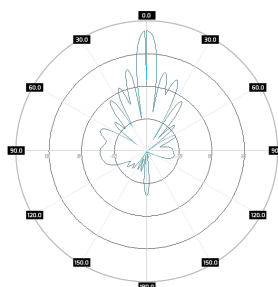
### Applications

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

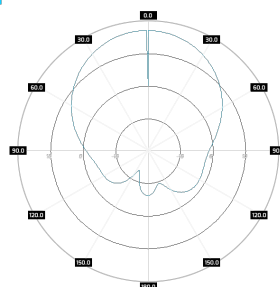
### Plots



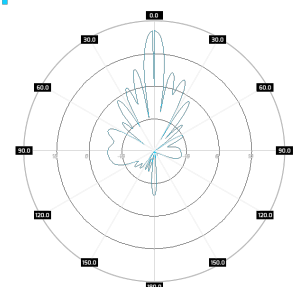
SA M5-90-17X  
Port 1, azimuth



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



SA M5-90-17X  
Port 2, azimuth



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