



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
Max Dimensions Range	25 - 65mm
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

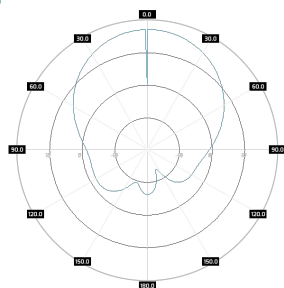
Systems

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

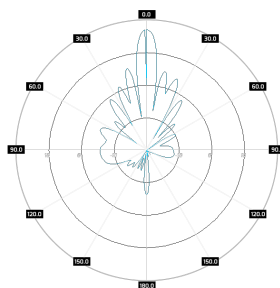
Applications

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

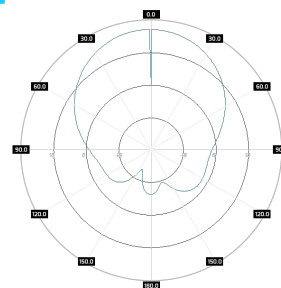
Plots



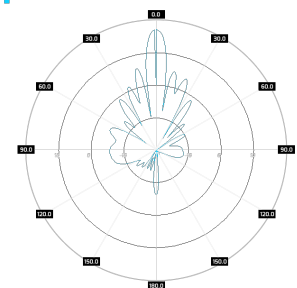
SA M5-90-17X
Port 1, azimuth



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



SA M5-90-17X
Port 2, azimuth



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