



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



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

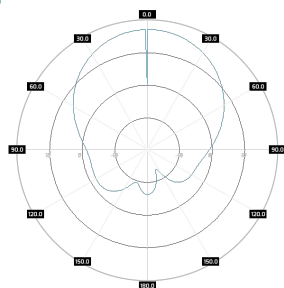
Systems

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

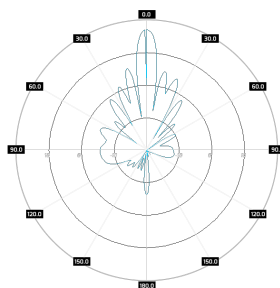
Applications

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

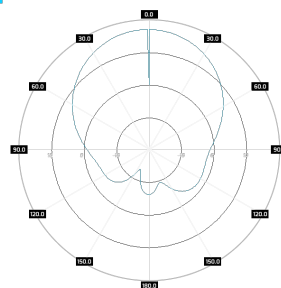
Plots



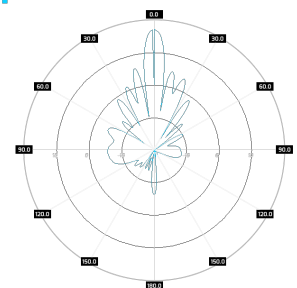
SA M5-90-17X
Port 1, azimuth



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



SA M5-90-17X
Port 2, azimuth



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