



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

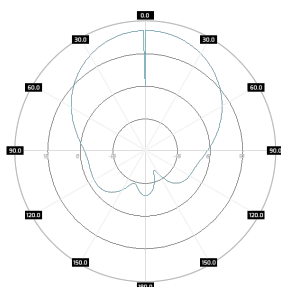
Systems

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

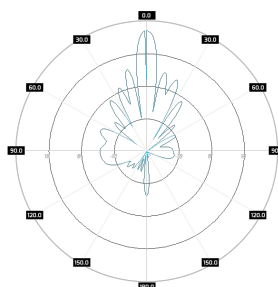
Applications

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

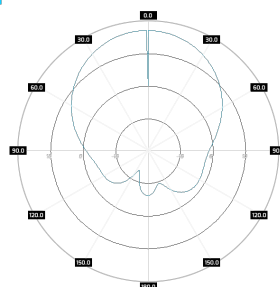
Plots



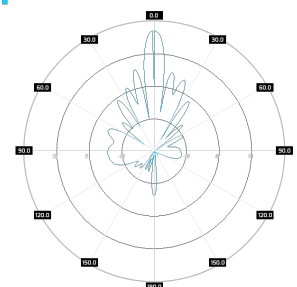
SA M5-90-17X
Port 1, azimuth



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



SA M5-90-17X
Port 2, azimuth



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