



BASE SECTOR ANTENNA

WiSector SA M5-90-17HV ProBOX

WiSector SA M5-90-17HV ProBOX is an **H&V** polarity **MIMO 2x2** sector antenna operating at a frequency range of: 5.1 - 5.95 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 | 5.1 - 5.95 GHz |
| Gain | 17 dBi |
| VSWR | <1.40, max < 1.80 |
| Beamwidth | 90°/9° |
| Polarization | H&V |
| Cross-Polar Isolation | |
| Front-to-Back | > 20 dB |
| Separation between Connectors | > 25 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 | 3 kg |
| Connector | RJ45 & 2xNf |
| 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 | |
| Regulation Range | |
| Weight | |
| Mast Dimensions Range | |
| Material | |

Features

- Gain for the frequency of 5100 - 5950 MHz 2x 17 dBi
- Polarization H&V for the frequency of 5100 - 5950 MHz
- 2 x Connector Nf
- 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

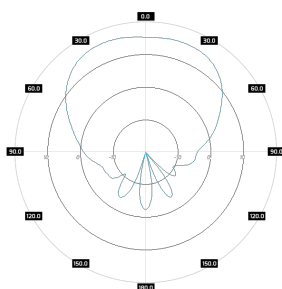
Systems

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

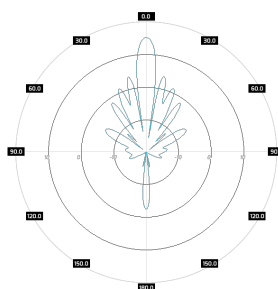
Applications

- Stadiums, Public Places
- Hotspot
- PtM Connections

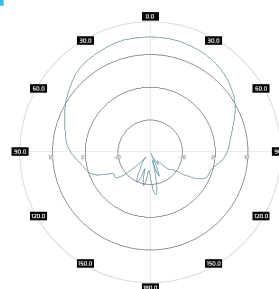
Plots



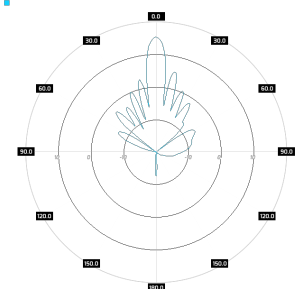
SA M5-90-17HV
pol. H, azimuth



SA M5-90-17HV
pol. H, elev.



SA M5-90-17HV
pol. V, azimuth



SA M5-90-17HV
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