



## 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

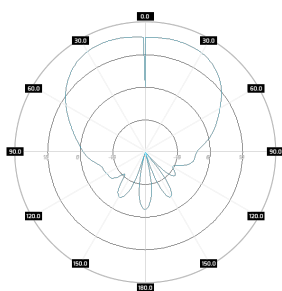
### Systems

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

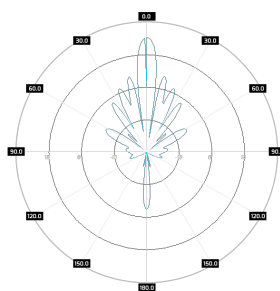
### Applications

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

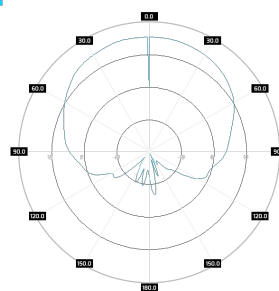
### Plots



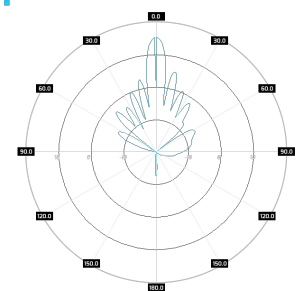
SA M5-90-17HV  
pol. H, azimuth



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



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



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