



BASE SECTOR ANTENNA

WiSector PRO M5-90-17HV for Cambium PMP 450

WiSector PRO M5-90-17HV for Cambium PMP 450 is a **90 degrees sector antenna** dedicated for **Cambium PMP450** product. The antenna enables **PMP450** for creating medium range links in outdoor environment (**IP67**). The set consists of the solid mounting system, made from the highest quality stainless steel, dedicated for **PMP450** Cambium model. **WiSector** comes with No. 2 N Female connectors located at the bottom of the enclosure, the connectors are protected against watering by the special collar surrounding them. Due to PTFE material used for the antenna PCB, **WiSector PRO M5-90-17HV** has better parameters than antennas available on the market. The antenna is predicted for **point-to-multipoint (PMP)** connections, for different applications like **hotspots, stadiums or another public places**.

ROHS

UV
RESISTANT

01
PET

Electrical specification

Frequency	5.1 - 5.95 GHz
Gain	17 dBi
VSWR	<2.00
Beamwidth	90°/8°
Polarization	H&V
Cross-Polar Isolation	
Front-to-Back	> 25 dB
Separation between Connectors	> 35 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	3.5 kg
Connector	2xSMA
Material	PET
Waterproof level	
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
Mast Dimensions Range	250 - 650mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

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 SMA
- Big, ergonomic and voluminous **WiSector PRO** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure **WiSector PRO**
- Designed and resistant for any weather conditions
- 36 Warranty Months

Systems

- WLAN - 5 GHz
- WiMAX - 5 GHz
- RFID - 5725 - 5875 MHz
- ISM - 5725-5875 MHz

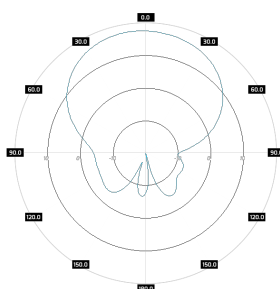
Applications

- Stadiums, Public Places
- Hotspot
- PtM Connections

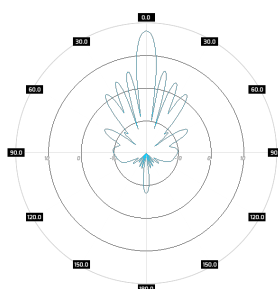
Compatible with

- Cambium Networks - PMP 450**

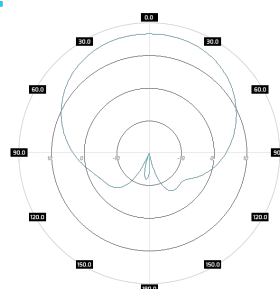
Plots



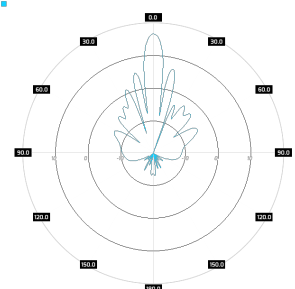
SA M5-90-17HV
H-pol, azimuth



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



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



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