



## 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


## 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
Max Dimensions Range	25 - 65mm
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

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

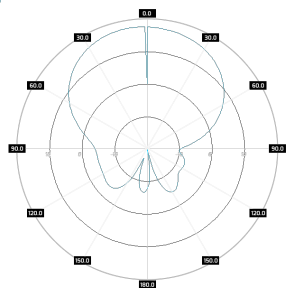
## Applications

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

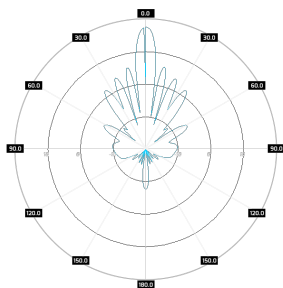
## Compatible with

- › **Cambium Networks - PMP 450**

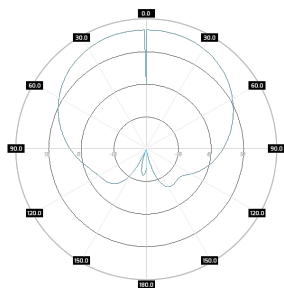
## Plots



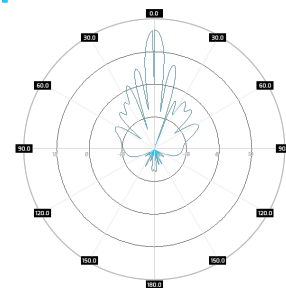
SA M5-90-17HV  
H-pol, azimuth



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



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



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