



## BASE SECTOR ANTENNA

# WiSector PRO M6-90-17HV for Cambium PMP450

**WiSector PRO M6-90-17HV 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 M6-90-17HV** 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	5.6 - 6.5 GHz
Gain	17 dBi ±1
VSWR	<1.50, max < 1.80
Beamwidth	8°/90°
Polarization	H&V
Cross-Polar Isolation	
Front-to-Back	> 30 dB
Separation between Connectors	> 50 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	2.7 kg
Connector	2xN Female
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 x 12 x 15 cm 3.54 x 4.72 x 5.91 inch
Regulation Range	-
Weight	0 kg
Mast Dimensions Range	mm
Material	stainless steel

### Features

- › Gain for the frequency of 5600 - 6500 MHz 2x 17 dBi ±1
- › Polarization H&V for the frequency of 5600 - 6500 MHz
- › 2 x Connector N Female
- › 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, 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**