



## BASE SECTOR ANTENNA

# WiBOX SA M5-90-17HV for Cambium PMP 450

**WiBOX Slim NF PMP450 SA M5-90-16HV for Cambium PMP 450** is a 90 degrees sector antenna dedicated for **Cambium PMP450** product. The antenna enables **PMP450/PMP450i** by Cambium 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/PMP450i Cambium** model. The **F/B factor is reduced** due to implement **RBR (Reduced-Back-Radiation)** system, it improves its overall functionality and **prevent the radio against unwanted signals coming from the back and sides**. **WiBOX** 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, **WiBOX Slim NF PMP450 SA M5-90-16HV for Cambium PMP 450** has better parameters than antennas available on the market. The antenna is predicted for **point-to-multipoint (PMP) connections, for different applications like base stations, hotspots, stadiums or another public places**.



### 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	> 30 dB
Separation between Connectors	> 35 dB
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	No

### Mechanic specification

Dimensions	29.2 x 48.6 x 7.1 cm 11.5 x 19.13 x 2.8 inch
Weight	3.5 kg
Connector	2xN Female
Material	ABS
Waterproof level	
Operating temperature	from -40 +70°C to °C from -40°F to 32°F
Wind resistance	km/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 N Female
- › Big, ergonomic and voluminous **WiBOX sector for Cambium PMP450 enclosure** for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX sector for Cambium PMP450**
- › 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, 450i** Connectorized Module