**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 comming 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**: > 30 dB
- **Front-to-Back**: > 35 dB
- **Impedance**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: No

**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

**Mechanic specification**

- **Dimensions**: 29.2 x 48.6 x 7.1 cm
- **Weight**: 3.5 kg
- **Connector**: 2xN Female
- **Material**: ABS
- **Operating temperature**: from -40°C to °C from -40°F to 32°F
- **Wind resistance**: km/h

**Mounting Kit**

- **Dimensions**
- **Regulation Range**
- **Weight**
- ** Mast Dimensions Range**
- **Material**

**Compatible with**

- Cambium Networks - PMP 450, 450i
- Connectorized Module

**Applications**

- Stadiums, Public Places
- Hotspot
- PIM Connections

**Systems**

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