



BASE SECTOR ANTENNA

WiSector PRO M3-90-16HV for Cambium PMP 450

WiSector PRO M3-90-16HV for Cambium PMP 450 is dual polarity sector antenna. It contains dual polarity H&V 3.3-3.8 GHz 90 degrees sector antenna. Antenna is predicted to create medium links in outdoor environment, at the frequency of 3.x GHz. 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 M3-90-16HV** has better parameters than antennas available on the market.

ROHS

UV
RESISTANT

01
PET

Electrical specification

| | |
|-------------------------------|---------------|
| Frequency | 3.3 - 3.8 GHz |
| Gain | 16 dBi |
| VSWR | <2.00 |
| Beamwidth | 90°/9° |
| Polarization | H&V |
| Cross-Polar Isolation | |
| Front-to-Back | > 25 dB |
| Separation between Connectors | > 32 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 | |
| Regulation Range | |
| Weight | |
| Max Dimensions Range | |
| Material | |

Features

- › Gain for the frequency of 3300 - 3800 MHz 2x 16 dBi
- › Polarization H&V for the frequency of 3300 - 3800 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 - 22, 42, 43, 48, 49, 52
- › WLAN - 3.6 GHz
- › WiMAX - 3.5 GHz

Applications

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

Compatible with

- › Cambium Networks - PMP 450