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Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

Cambium PMP 450 17 dBi 5 GHz Sector Antenna, 90 degree

MPN
85009324001

Description

Cambium's PMP 450 connectorised access point requires high performance sector antennas to achieve its headline throughputs.

Cambium offer two MIMO sector antennas that have been designed for seamless installation alongside the PMP 450 AP. The two models have the same peak gain but offer 60° and 90° azimuth beamwidths to meet the two most commonly required coverage footprints and ABAB / ABCABC frequency allocations.

The 5 GHz Access Point 60 and 90 degree sector antennas are specifically designed for use with the 5 GHz PMP 450 platform of products. As a result of their consistent front-to-back ratio in combination with power control and high gain, these antennas deliver optimised performance, including maximised spectral efficiency and easy installation.





Cambium Networks

Cambium Networks enables service providers; enterprises; governmental and military agencies; oil, gas and utility companies; Internet service providers; and public safety organizations to build powerful communications networks, reach users from 200 kilometers across mountain tops down to their devices, and intelligently manage their business Wi-Fi infrastructure through end-to-end network ...

RF Specification

Start Frequency

5400 MHz

Stop Frequency

6000 MHz

Max. Input Power

30 W

Polarisation

[Dual Pol \(V, H\)](#)

Input Impedance

50 Ω

RF Connectors

Ports RF Interface Body Shape

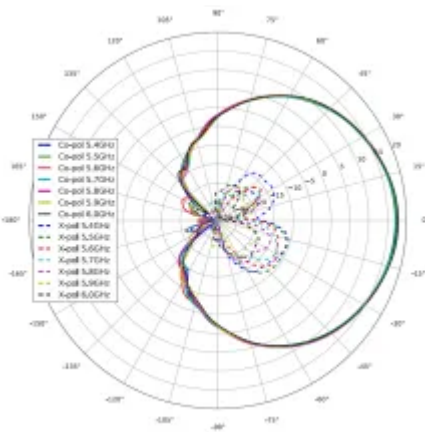
2 [N Female](#) [Straight](#)

Frequency Test Data

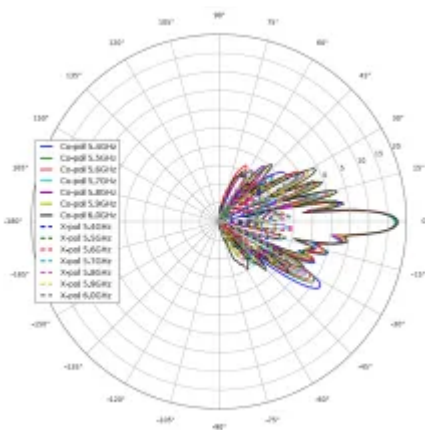
Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	F/B Ratio	Inter-Port Iso.	Cross-Polar Iso.
5400 MHz	6000 MHz	17 dBi	< 1.5:1	65°	6°	> 32 dB	> 33 dB	> 28 dB

Polar Patterns
Start Frequency
5400 MHz
Stop Frequency
6000 MHz

Azimuth Polar Plot



Elevation Polar Plot



Physical Specification

Subtype

[Panel / Sector](#)

Input Ports

2

MIMO

[2x2 MIMO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

60 °C

Dimensions

146 x 64 x 570

Materials

[Polyvinyl Chloride \(PVC\)](#)

Mounting

[Pole Clamp 38 to 114 mm ø](#)

Weight

6.6 kg

Compliance/Certifications

ISO 9001 Quality Management

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