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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

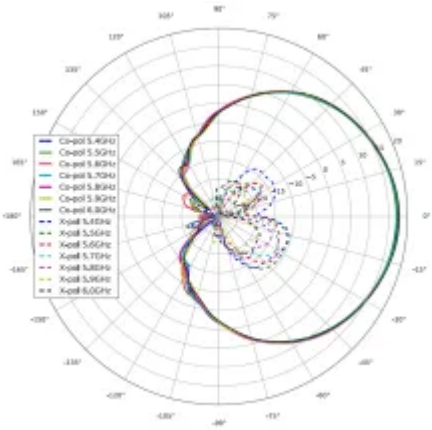
Ports	RF Interface	Body Shape
2	N Female	Straight

Frequency Test Data

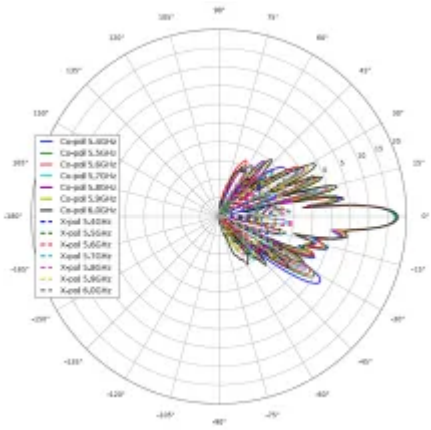
Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	F/B Ratio	Inter-Port Iso.	Cross-Polar Iso.
5400 MHz	6000 MHz	17 dBi	< 1.5:1	65°	6°	> 32 dB	> 33 dB	> 28 dB

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 ⌀
Weight
6.6 kg
Compliance/Certifications
ISO 9001 Quality Management

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