

Item no.: 391346

C050900D021B - ePMP sector antenna for ePMP 3000L AP with mounting kit 5GHz, 120°, 18dBi

from **273,60 EUR**

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shipping weight: 6.20 kg

Manufacturer: Cambium Networks



Product Description

This antenna is designed for the ePMP 3000L AP radio product. Cambium Networks has developed an antenna solution that enables network operators to increase the spectral efficiency and scaling of their ePMP point-to-multipoint (PMP) distribution access networks. For mobile operators deploying networks in the 5 GHz spectrum, this sector antenna for 90° and 120° applications is particularly well suited for high-density networks that require frequency reuse and broadband spectrum coverage. Key features

Frequency reuse: Designed for ABAB channel reuse (two channels covering four sectors), the sector antenna has a front-to-back ratio of 35 dB, including a large aperture in the rear-facing direction.

Channel Flexibility: Constant gain from 4.9 to 6.0 GHz allows the operator to select a channel anywhere in the band and achieve the expected performance. Consistent coverage: The antenna's excellent zero-fill capability enables wide geographic coverage within a sector, even near the base of the tower and the edges of the sector. Designed for the installer: Small, compact design, integrated ePMP radio mount and GPS antenna integration. Predictable performance: The sector antenna is integrated into the LINKPlanner from Cambium Networks. The 3D model shows coverage at all heights and across the azimuth.

Wireless features- MIMO, SISO: 2 x 2- Polarisation: VH- F/B ratio [dB]: 35- Wireless frequency: 5 GHz- Elevation beam width (-6dB) [°]: 8- Azimuth beam width (-6dB) [°]: 120- Antenna type: Sector- Antenna gain [dBi]: 18

Connectors and Interfaces- RF connectors: (2) RSMA female

Power- Max. power consumption [W]: 5- Physical characteristics- Protection class: IP65- Purpose: Outdoor- Operating temperature [°C]: -40 up to 60- Width [mm]: 157- Height [mm]: 594- Depth [mm]: 110

Specifications

Scan this QR code to
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All details, up-to-date
prices and availability

