

Item no.: 332387

PTP 550 Connectorized 5 GHz (RoW) with EU Line Cord

from **884,03 EUR**

Item no.: 332387
 shipping weight: 3.80 kg
 Manufacturer: Cambium Networks



Product Description

PTP 550 Connectorized 5 GHz (RoW) with EU Line Cord

Cambium Network is excited to introduce our latest Point to Point Gigabit throughput solution based on 802.11 ac Wave 2 operating in 5 GHz wireless space, addressing the gigabit capacity needs for high speed backhaul solutions in mid range and long range applications. The PTP 550E solution draws its attributes from Cambium Networks Point to Point products such as PTP 650/670 and PTP 450i.

Each PTP 550E radio is enclosed in a rugged IP66/67 rated metal enclosure, which protects the radio from extreme conditions and solar radiation. The e-alignment GUI provides the installer with an accurate and reliable way of installing PTP 550E. Each channel can have independent channel bandwidth that provides for flexibility in channel selection, band selection and address throughput requirements. Using two 80 MHz channel the PTP 550E achieves 1.4 Gbps.

With Dynamic Channel Selection, PTP 550E systems constantly optimize the channel of operation to maximize link reliability and performance. Responding to the radio interference environment, PTP 550E will search for the clearest spectrum and move to it seamlessly. The customer benefits from best available throughput with limited spectrum in the most challenging environments.

Key Features

- 4.9 to 6.2 GHz
- Up to 1.4 Gbps
- Built in Live Spectrum analyzer
- IPv6/IPv4 dual-stack management support
- AES 128 Encryption
- LINKPlanner Support
- cnMaestro Support
- ARQ Support

Radio Technology

- Model: PTP 550E Connectorized
- RF Bands: Wide-band operation 4.9 to 6.2 GHz (Allowable frequencies and bands are dictated by individual country regulations)
- Channel Sizes: Dual independent channels, each channel configurable as 20, 40 & 80 MHz
- Spectral Efficiency: 8.5 bps/Hz maximum
- Channel selection: Fixed frequency or Dynamic Channel Selection (DCS)
- Maximum transmit power: Up to 27 dBm
- System gain: Up to 173 dB with Integrated Antenna
- Modulation: MCS 0 to MCS 9
- Duplex scheme: Time Division Duplex (TDD); Multiple transmit/receive duty cycles
- Antenna: Connectorized: Can operate with a selection of separately-purchased single- and dual-polarity antennas through 2 x N-type female connectors
- Range: Up to 200 km
- Security: 128-bit AES Encryption; Factory mode recovery

Ethernet bridging

- Protocol: IEEE 802.3
- Latency: 4 - 5 ms one direction
- Packet classification: Layer 2 and Layer 3 IEEE 802.1p, Ethernet priority
- Max packet size: 1700 Bytes
- Flexible I/O: 1 Gigabit Port: Data + PoE power input; 1 SFP port (single-mode fiber, multi-mode fiber, and copper Gigabit Ethernet options available)

Management

- Network management: In-band management and Out Band Management
- System management: IPv6/IPv4 dual-stack management support; SNMPv2 and SNMPv3, https, WPA-PSK2 Online spectrum analyzer (no impact on payload traffic); cnMaestro supported
- Installation: Built-in e-alignment using GUI

Physical

- Dimension: Connectorized ODU: Width 185 mm, Height 278 mm, Depth 88 mm
- Weight: Connectorized ODU: 1.6 kg including bracket
- Operating temperature: -40 °C to +60 °C, including solar radiation
- Dust- water intrusion protection: IP66 and IP67
- Wind speed survival: 322 kmph
- Power supply: AC power injector: 0 °C to +40 °C; 30 W , 56V; Dimensions: Width 132 mm, Height 36 mm, Depth 51 mm
- Power consumption: 30 W maximum

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability

