

Item no.: 392470

**C060082B010A - PTP 820S Radio 6LGHZ,TR252A,Ch1W4,Lo,5927.375-6051.975MHz**

from **2.981,25 EUR**

Item no.: 392470

shipping weight: 6.50 kg

Manufacturer: Cambium Networks



## Product Description

A Single Platform Serving All Radio Transport Requirements PTP 820 is a licensed point-to-point microwave backhaul platform that combines leading network capabilities with the industry's most advanced microwave technologies to provide a superior microwave transport solution. The PTP 820 Series supports licensed frequency bands from 6 to 42 GHz and offers a wide range of configurations to enable a customised solution for any deployment scenario. Consisting of high-density multi-technology nodes and integrated radio units, the PTP 820 series offers flexibility in the choice of all-indoor, split-mount and all-outdoor configuration options. Unique Line of Sight (LOS) Multiple Input Multiple Output (MIMO) technology, modulation up to 2048QAM and wider channel bandwidths provide industry-leading throughput and spectral efficiency. The PTP 820C features dual-core functionality that enables the system to operate at up to 2 Gbps via software upgrades, eliminating the need for future forklift upgrades or a major system overhaul by the network operator to provide Gigabit Plus capacity. The series also offers Synchronous Ethernet (SyncE) and IEEEv2 synchronisation protocols required for large ISP and MPLS networks. Operations, administration and maintenance (OA&M) tools coupled with a full suite of network and element management systems (NMS and EMS) simplify network deployment and monitoring, reducing operators' total cost of ownership and enabling them to meet the most stringent service level agreements. By combining technologies, devices and services, PTP 820 enables network operators to cost-effectively meet increasing capacity demand in rapidly evolving conditions. Highlights of the PTP 820 product series- Licensed frequency bands 6-42GHz- Up to 2048 QAM, with 11-stage hitless and errorless Adaptive Coding & Modulation (ACM) for high reliability- Supports up to 80 MHz bandwidth- Multi-gigabit radio capacity with high spectral efficiency- TDM and/or packet to support legacy services and evolution to all-packet- Integrated Ethernet switch, MEF Carrier Ethernet 2.0 compliant, MPLS-TP capable- Header deduplication for additional capacity expansion- Intelligent, service-centric management with hierarchical QoS and advanced OA&M capabilities- Resilience for carrier-grade services (G.8032, MSTP)- ITU-T Y.1731 Performance Management - MEF 35- Integrated synchronisation solution: Native/SyncE/IEEE 1588v2- Lowest power consumption with adaptive green mode- Low latency with unique frame cut-through for latency-sensitive services- Industry-leading System Gain

## Specifications

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

