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Cambium C050067B006B PTP 670 Connectorised ODU (ROW)

SKU
WIF-CB-00058
MPN
C050067B006B

Description

Cambium's PTP 670 is the company's flagship 5 GHz point-to-point microwave radio capable of providing data throughputs up to 450 Mb/s.

The Connectorised PTP 670 finds it's place within Cambium's portfolio as the go-to unit for extreme long distance connectivity. Two N Female connectors provide connectivity to a range of 5 GHz high gain parabolic dish antennas up to 1.8 metres, to suit the required link distance. With HCMP the unit can be connected to a sector antenna to provide extremely high reliability multipoint connections for up to 8 remote nodes.

The unit can be set to use any channel size between 5 to 45 MHz within 4.9 to 6.05 GHz to achieve up to 452.2 Mb/s of L2 throughput using modulation up to 256QAM @ 0.81 CR with two spatial streams.

Dynamic Channel Selection (DCS) means the radio continually searches for the cleanest channels and moves band seamlessly, maximising performance and reliability.

With its Motorola legacy and metal ...

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Telecommunications engineers call on PTP 670 when the job looks tough. Whether it's environmental extremes, ultra long range links, reflection and interference mitigation, PTP 670 is the best tool of its kind.

IEEE 1588v2 and Synchronous Ethernet (SyncE) provide for use in backhauling Private LTE networks.

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Cambium™ Networks

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 ...

Network Interfaces
Wireless Interfaces

Topology
Point-to-Multipoint (P2MP), Point-to-Point (P2P)
Max. Throughput
450 Mb/s
Encryption
AES-128
Max. Clients
8
Latency
3 ms
Aggregate Channel Width
45 MHz
Transmit Power
27 dBm
Receive Sensitivity
-96.8 dBm

Wireless Bands	Path Mode	Start Frequency	Stop Frequency	MIMO	Channel Width	Modulation	Max. Data Rate
5 GHz	TDD	4900 MHz	6050 MHz	2x2 MIMO	45 MHz	256QAM	450 Mb/s

RF Connections

RF Connector	Function	Quantity	RF Interface
Wireless Link		2	N Female

Ethernet Interfaces

Interface	Quantity	Function	Signalling	PoE Input	PoE Output
RJ45 Copper	1	Data + PoE Input	100BASE-T, 1000BASE-T	802.3at PoE+	
RJ45 Copper	1	Aux + PoE Output	100BASE-T, 1000BASE-T		802.3at PoE+

Physical Specification

Subtype
Wireless Bridge
Min. Operating Temperature
-40 °C
Max. Operating Temperature

76 °C
Ingress Protection
IP67
MTBF
> 350000 h
Dimensions
90 × 204 × 318 mm
Weight
3.1 kg
Materials
Aluminium Die Cast
Mounting
Cambium 4/8-Bolt Pattern
Compliance/Certifications
R-NZ
,
RCM
Power Specifications
Max. Consumption
30 W
Power Options
Power over Ethernet

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