PTP 670 Integrated 5Ghz



Kode : PTP-670-INT
Brand : Cambium
Jenis : Wireless PTP

Untuk mendapatkan harga terbaik dan info ketersediaan silakan menghubungi tim Sales kami melalui Whatsapp di nomor 0811 2039 555 (chat only) atau melalui email ke sales@citraweb.com

Penawaran Harga Spesial
08112039555

PTP 670 systems provide 4.9 to 6.05 GHz, multi-band flexibility in a single radio and operate in channel sizes from 5 to 45 MHz.

RADIO TECHNOLOGY	
Model	PTP 670
RF Bands	Wide-band operation 4.9 to 6.05 GHz (Allowable frequencies and bands are dictated by individual country regulations)
CHANNEL SIZES	5, 10, 15, 20, 30, 40, and 45 MHz channels
	Channel sizes depend on individual country regulations
SPECTRAL EFFICIENCY	10 bps/Hz maximum
CHANNEL SELECTION	By Dynamic Spectrum Optimization or manual intervention
	Automatic selection on start-up and continual self-optimization to avoid interference
MAXIMUM TRANSMIT POWER	Up to 27 dBm
SYSTEM GAIN	Up to 164 dB with Integrated antenna
MODULATION / ERROR	Fast Preemptive Adaptive Modulation featuring 13
CORRECTION	modulation / FEC coding levels ranging from BPSK to 256
	QAM dual payload MIMO
DUPLEX SCHEME	Time Division Duplex (TDD)
	Adaptive or fixed transmit/receive duty cycles

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	Split frequency operation allows separate transmit and receive frequencies where allowed by regulation.
	Optional TDD synchronization using PTP-SYNC Module
ANTENNA	Integrated Flat panel: 23 dBi
	Connectorized: operate with a selection of separately-purchased single and dual polarity antennas through 2 x N-type female connectors
RANGE	Up to 155 miles (250 km)
SECURITY	FIPS-197 compliant 128/256-bit AES Encryption (optional) HTTPS and SNMPv3
	Identity-based user accounts Configurable password rules
	User authentication and RADIUS support
	Event logging and management; optional logging via syslog
	Disaster recovery and vulnerability management
ETHERNET BRIDGING	
PROTOCOL	IEEE 802.3
LATENCY	1-3 milliseconds one direction
QOS	Extensive QOS supporting up to 8 Queues
PACKET CLASSIFICATION	Layer 2 and Layer 3 IEEE 802.1p, MPLS, Ethernet priority
PACKET PERFORMANCE	Line rate (>850K packets per second)
TIMING TRANSPORT	Synchronous Ethernet; IEEE 1588v2
FRAME SUPPORT	PTP Mode: Jumbo frame up to 9600 bytes
	HCMP Mode: 2000 bytes per frame
FLEXIBLE I/O	2 x Gigabit Ethernet copper ports: - Gigabit Port 1: Data + PoE power input - Gigabit Port 2: 802.3at PoE output port
	1 x SFP port: single-mode fiber, multi-mode fiber or copper Gigabit Ethernet options available
T1/E1 TDM SUPPORT	8 x T1/E1 TDM (Network Indoor Unit (NIDU)) G.823-compliant timing
	DC power input (compatible with AC+DC Power Injector output)
MANAGEMENT	
NETWORK MANAGEMENT	In-band and out-of-band management (OOBM)
SYSTEM MANAGEMENT	IPv6/IPv4 dual-stack management support

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	Web access via browser using HTTP or HTTPS/TLS3 SNMP v1, v2c and v3, MIB-II & proprietary PTP MIB
	Online spectrum analyzer (no impact on payload traffic or network operation)
INSTALLATION	Built-in audio and graphical assistance for link optimization
HIGH CAPACITY MULTI POINT	
REMOTE MODULES MASTER	Up to 8 Nodes
CHANNEL BANDWIDTH	20 MHz and 40 MHz
DATA CAPACITY PER REMOTE	Number of Remote Module
MODULE IN 1:1 SYMMETRY	@40 MHz
	Mbps
SPECTRAL EFFICIENCY IN HCMP	8 bps/Hz Max
LINE RATE PACKET PER SECOND	850K pps
LATENCY IN HCMP MODE	2 to 4 ms one way(typically)
PHYSICAL	
DIMENSIONS	Integrated Outdoor Unit (ODU):
	Width 305mm (12”), Height 343mm (13.5”), Depth 81mm (3.2”)
	Connectorized ODU:
	Width 204mm (8.0”), Height 318mm (12.5”), Depth 90mm (3.5”)
WEIGHT	Integrated ODU: 4.1 kg (8.95 lbs) including bracket
	Connectorized ODU: 3.1 kg (6.8 lbs) including bracket
OPERATING TEMPERATURE	-40° to +140° F (-40° to +60° C), including solar radiation
DUST- WATER INTRUSION	IP66 and IP67
PROTECTION	
WIND SPEED SURVIVAL	200 mph (322 kph)
POWER SUPPLY	1. AC power injector: 32° to 104° F (0° to +40° C); 35 W; 90-240 VAC, 50/60Hz
	Dimensions: Width 5.2”(132mm), Height 1.4”(36mm), Depth 2”(51mm)
	2. AC + DC power injector: -40° to 140° F (-40° to +60° C); 70 W; 90-240 VAC, 50/60 Hz
	Dimensions: Width 9.75” (250 mm), Height 1.5” (40 mm), Depth 3” (80 mm)
POWER CONSUMPTION	30 W maximum (up to 70 W with 802.3at device on auxiliary port)

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URL : https://www.citraweb.com/produk/734/

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