

Specifications Sheet



Motorola Canopy

PTP 58400 Full Integrated - Link Complete



Canopy Part Number	BP5430BH-2CC
Description	PTP 58400 Full Integrated - Link Complete
Signaling Rate	60 Mbps
Typical LOS Range	non-LoS Up to 6 Miles (10Km),near-LoS up to 25 Miles (40Km),LoS Up to 124 Miles (200Km)
Typical Aggregate Useful Throughput	Dynamically variable modulation ranges from 1.5 Mbps to 21 Mbps. (Upgradeable to 60 Mbps via Software License Key)
Frequency range of band	5.470 GHz–5.725 GHz
Channel Width	12MHz
Modulation Type	Adapting between BPSK and 64QAM – (8 Modes). Signal is transmitted and received with multiple beams on separate routes – recorrelates signals and brings multi-path signals into phase. Generates a new set of Adaptive Modulation margins which reduces the probability of codeword errors (and hence packet loss). TDM mode.
Encryption	Proprietary scrambling
Latency	7 ms
Nominal Receiver Sensitivity (dbm typical)	Adaptive, varying between -96.5 dBm and -72 dBm according to modulation selected
Antenna Gain (dBi)	System Gain Varies with modulation mode between 168.5 dB and 138 dB using integrated antenna
DC Power (typical)	Power Source 90-240 VAC, 50-60
Antenna Beam Width	Integrated flat plate / 23 dBi / Narrow 8 degree Beam Width
Mean Time Between Failure (MTBF)	57 yrs
Temperature	-40°F (-40°C) to +140°F (+60°C) including solar radiation.
Wind Survival	242 km/hr (150 miles/hr)
Dimensions	Indoor Unit: 9.85W x 1.6H x 3.1D inches (250 x 40 x 80 mm)
Weight	Outdoor Unit: 12.1 lbs (5.5 kg) including bracket
Interface	10BASE-T / 100BASE-T (RJ-45) – auto MDI/MDIX switching
Protocols Used	IEEE 802.3 compatible
Network Management	Web Server and SNMP

Specifications subject to change without notice.