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[Motorola Canopy Point to Multipoint 2.4 Ghz Series - Product Specifications](#)

2400APBC Canopy 2.4 Ghz Access Point Classic

Motorola Canopy Broadband Wireless AP Module operates with a raw data rate of 10 Mbps and has a range of approximately ten miles (2.4 GHz SM with reflector). Each Motorola Canopy Broadband Wireless AP requires a 24-volt power source and uses a single 10/100 BaseT Half/Full duplex connection to interface into Motorola Canopy CMM or appropriate network connection

- [Discount Pricing](#)
- MSRP \$1,095.00 Check Shopping Cart for Your Cost
- Normally Powered via CMM (PoE)
- [Individual Power Supply Sold Separately](#)
- [Surge Suppressor sold Separately](#)
- Connectorized Cat 5 UV resistant Ethernet Cables Sold Separately
- [Individual Mounting Bracket Sold Separately](#)
- Cluster Mounting Kit Sold Separately
- [27RDB 18 dB Gain Reflector Kit Sold Separately](#)
- [Canopy Access Point User Manual](#) (4Mb)

Canopy Part Number	● 2400APBC
Description	● Canopy 2.4 Ghz Access Point Classic
Signaling Rate	● 10 Mbps
Typical LOS Range	● 5 Mi (8 km)
Typical Aggregate Useful Throughput	● 7 Mbps
Frequency range of band	● ISM 2400-2483.5 MHz
Non-overlapping Channels	● 3
Channel Width	● 20 MHz
Modulation Type	● High Index 2-level Frequency Shift Keying (FSK) optimized for interference rejection
Channel Spacing	● configurable on 2.5 MHz increments
Encryption	● DES capable
Latency	● 15 msec
Carrier to Interference ratio (C/I)	● ~3dB @ 10 Mbps, ~10dB @ 20 Mbps at -65dBm
Nominal Receiver Sensitivity (dbm typical)	● -86 dBm
Antenna Gain (dB)	● 8 dBi
EIRP (dB)	● Adjustable
Equivalent Isotropic Radiated Power (EIRP)	● Adjustable from 10 mW to 2.0 W
DC Power (typical)	● 0.3 A @ 24 VDC = 7.2 W
Antenna Beam Width	● 3 dB antenna beam width 60 degrees, Azimuth and Elevation
Mean Time Between Failure (MTBF)	● 40 yr
Temperature	● -40° C to +55° C (-40° F to +131° F)
Wind Survival	● 190 km/hr (118 miles/hr)
Dimensions	● 11.75 in H x 3.4 in W x 3.4 in D (29.9 cm H x 8.6 cm W x 8.6 cm D)
Weight	● .45 kg (1 lb)
Access Method	● Time Division Duplexing/Time Division Multiple Access (TDD/TDMA)
Interface	● 10/100 Base T, half/full duplex. Rate auto negotiated (802.3 compliant)
Protocols Used	● IPV4, UDP, TCP, ICMP, Telnet, HTTP, FTP, SNMP
Network Management	● HTTP, TELNET, FTP, SNMP Version 2c
FCC ID	● ABZ89FC5808
Industry Canada Certification Number	● 109W-2400

Specifications subject to change without notice