



## 5200APBC Canopy 5.2 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 (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 \$995.00 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
- [Canopy Access Point User Manual](#) (4Mb)

<b>Canopy Part Number</b>	● <b>5200APBC</b>
<b>Description</b>	● <b>Canopy 5.2 Ghz Access Point Classic</b>
<b>Market Availability</b>	● North America
<b>Signaling Rate</b>	● 10 Mbps
<b>Typical LOS Range</b>	● 2 mi (3.2 km)
<b>Typical Aggregate Useful Throughput</b>	● 6.2 Mbps
<b>Frequency range of band</b>	● U-NII 5250-5350 MHz
<b>Non-overlapping Channels</b>	● 3
<b>Channel Width</b>	● 20 MHz
<b>Modulation Type</b>	● High Index 2-level Frequency Shift Keying (FSK) optimized for interference rejection
<b>Channel Spacing</b>	● configurable on 5 MHz increments
<b>Encryption</b>	● DES capable
<b>Latency</b>	● 15 msec
<b>Carrier to Interference ratio (C/I)</b>	● ~-3dB @ 10 Mbps, ~-10dB @ 20 Mbps at -65dBm
<b>Nominal Receiver Sensitivity (dbm typical)</b>	● -86 dBm
<b>Antenna Gain (dB)</b>	● 7 dBi
<b>EIRP (dB)</b>	● 30 dBm
<b>Equivalent Isotropic Radiated Power (EIRP)</b>	● 1 W
<b>DC Power (typical)</b>	● 0.3 A @ 24 VDC = 7.2 W
<b>Antenna Beam Width</b>	● 3 dB antenna beam width 60 degrees, Azimuth and Elevation
<b>Mean Time Between Failure (MTBF)</b>	● 40 yr
<b>Temperature</b>	● -40° C to +55° C (-40° F to +131° F)
<b>Wind Survival</b>	● 190 km/hr (118 miles/hr)
<b>Dimensions</b>	● 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)
<b>Weight</b>	● .45 kg (1 lb)
<b>Access Method</b>	● Time Division Duplexing/Time Division Multiple Access (TDD/TDMA)
<b>Interface</b>	● 10/100 Base T, half/full duplex. Rate auto negotiated (802.3 compliant)
<b>Protocols Used</b>	● IPV4, UDP, TCP, ICMP, Telnet, HTTP, FTP, SNMP
<b>Network Management</b>	● HTTP, TELNET, FTP, SNMP Version 2c
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<b>FCC ID</b>	● ABZ89FC3789
<b>Industry Canada Certification Number</b>	● 109W-5200
<b>NYCE</b>	● 0202CE08128

*Specifications subject to change without notice*