



2401APBC Canopy 2.4 Ghz Access Point Classic with AES

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 \$1,595.00 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	• 2401APBC
Description	• Canopy 2.4 Ghz Access Point Classic with AES
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
Channel Spacing	• every 2.5 MHz
Modulation Type	• High Index 2-level Frequency Shift Keying (FSK) optimized for interference rejection
Encryption	• AES 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 dB
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
FIPS	• AES product is FIPS 197 certified

Specifications subject to change without notice