



5251APBC Canopy 5.2 Ghz Access Point Advantage with AES

Motorola Canopy Broadband Wireless Advantage Access Points offer higher capacity with lower latency. Raw data rate of 20 Mbps and has a range of approximately ten miles (SM with reflector). Each Access Point 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 \$2,395.00 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 \(4Mb\)](#)
- [Canopy Advantage](#)
- [Canopy AES overview](#)

Canopy Part Number	• 5251APBC
Description	• Canopy 5.2 Ghz Access Point Advantage with AES
Signaling Rate	• 20 Mbps Maximum
Typical LOS Range	• 2 mi (3.2 km)
Typical Aggregate Useful Throughput	• 14 Mbps Maximum
Frequency range of band	• U-NII 5250-5350 MHz
Non-overlapping Channels	• 3
Channel Width	• 20 MHz
Modulation Type	• High Index 2-level and 4-level Frequency Shift Keying (FSK) optimized for interference rejection
Channel Spacing	• configurable on 5 MHz increments
Encryption	• FIPS 197 certified AES capable
Latency	• 5 - 7 msec
Carrier to Interference ratio (C/I)	• ~3dB @ 10 Mbps, ~10dB @ 20 Mbps at -65dBm
Nominal Receiver Sensitivity (dbm typical)	• -86 dBm @ 10 Mbps, -79dBm @ 20 Mbps
Antenna Gain (dB)	• 7 dBi
EIRP (dB)	• 30 dBm
Equivalent Isotropic Radiated Power (EIRP)	• 1 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

Specifications subject to change without notice