



**5701APBC Canopy 5.7 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 (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

- o [Discount Pricing](#)
- o MSRP \$1,595.00 Check Shopping Cart for Your Cost
- o Normally Powered via CMM (PoE)
- o [Individual Power Supply Sold Separately](#)
- o [Surge Suppressor sold Separately](#)
- o Connectorized Cat 5 UV resistant Ethernet Cables Sold Separately
- o [Individual Mounting Bracket Sold Separately](#)
- o Cluster Mounting Kit Sold Separately
- o [Canopy Access Point User Manual](#) (4Mb)
- o [AES Brochure](#)

<b>Canopy Part Number</b>	• 5701APBC
<b>Description</b>	• Canopy 5.7 Ghz Access Point Classic with AES
<b>Market Availability</b>	• North America, South America, Asia
<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>	• ISM 5725-5850 MHz
<b>Non-overlapping Channels</b>	• 6
<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>	• FIPS 197 certified AES 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
<b>FCC ID</b>	• ABZ89FC5804
<b>Industry Canada Certification Number</b>	• 109W-5700
<b>CE</b>	• 03-510027
<b>NYCE</b>	• 0202CE08128
<b>FIPS</b>	• AES product is FIPS 197 certified

*Specifications subject to change without notice*