

Motorola Canopy

CAP 54200 - 5.4 GHz Horizontally Polarized Advantage AP (200 Series)



Canopy Part Number	5450APHZ
Description	CAP 54200 - 5.4 GHz Horizontally Polarized Advantage AP (200 Series)
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 5470-5725 MHz
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	DES 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 (dBi)	7 dBi
EIRP (dBm)	30 dBm
Equivalent Isotropic Radiated Power (EIRP)	Adjustable to 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 degrees C to +55 degrees C (-40 degrees F to +131 degrees 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	ABZ89FT7623
Industry Canada Certification Number	109W-5400
CE	"CE" marked & compliant to EN301 893, Implements DFS & TPC. DoCs are available at <a href="http://www.canopywireless.com/doc.php">http://www.canopywireless.com/doc.php</a>