Specifications Sheet

Motorola Canopy
5.2 GHz Backhaul Module

Description	5.2 GHz Backhaul Module
Canopy Part Number	5200BH
Signaling Rate	10 Mbps
Typical LOS Range	2 mi (3.2 km)
Typical Aggregate Useful Throughput	7.5 Mbps
Frequency range of band	U-NII 5250-5350 MHz
Non-overlapping Channels	3
Channel Width	20 MHz
Channel Spacing	every 5 MHz
Modulation Type	High Index 2-level Frequency Shift Keying (FSK) optimized for interference rejection
Encryption	DES capable
Latency	2.5 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)	7 dB
EIRP (dB)	30 dB
Equivalent Isotropic Radiated Power (EIRP)	1 W
DC Power (typical)	0.34 A @ 24 VDC = 8.2 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 Duplex (TDD)
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	ABZ89FC3789
Industry Canada Certification Number	109W-5200
NYCE	0202CE08128