

Motorola Canopy

2.4GHz Lite SM: Power set to low-adjustable to high



Canopy Part Number	2460SMWA
Description	2.4GHz Lite SM: Power set to low-adjustable to high
Signaling Rate	10 Mbps, 20 Mbps with Advantage AP
Typical Aggregate Useful Throughput	512 kbps, 768 kbps burst 100 kbps full duplex CIR, upgradeable to 7 Mbps
Frequency range of band	ISM 2400-2483.5 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 2.5 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
Antenna Gain (dBi)	8 dBi
EIRP (dBm)	Adjustable
Equivalent Isotropic Radiated Power (EIRP)	Adjustable from 100mW to 2W
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 years
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
CE	"CE" marked & compliant to EN300 328. DoCs are available at http://www.canopywireless.com/doc.php