

HK1383A Bundle Pack 25 @ Canopy 2.4 GHz Lite Subscriber Module

Canopy™ Lite subscriber modules (SM), Motorola helps service providers deliver broadband services to virtually everyone who wants them. Canopy Lite SMs offer substantially lower costs, they also offer the same high performance, reliability and interference tolerance for which the Canopy system is renowned. Integrated into your network with a Canopy Advantage access point (AP), Canopy Lite SMs are scalable, available in a variety of frequencies and can be software upgraded to add incremental throughput quickly and inexpensively.



- Former Part Number BP2460SM-25DD
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- [Canopy Subscriber Module Users Manual \(2Mb\)](#)

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| Canopy Part Number | ● HK1383A |
| Description | ● Bundle Pack 25 @ Canopy 2.4 GHz Lite Subscriber Module |
| Signaling Rate | ● 10 Mbps, 20 Mbps with Advantage AP |
| Typical LOS Range | ● 5 mi (8 km), 15 mi (24 km) with reflector |
| 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 (dB) | ● 8 dBi |
| EIRP (dB) | ● Adjustable |
| Equivalent Isotropic Radiated Power (EIRP) | ● Adjustable from 10 mW to 2.0 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 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 | ● .25 Lbs |
| 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 |