

Specifications Sheet



Motorola Canopy 5.7 GHz Advantage SM



| | |
|--|--|
| Description | 5.7 GHz Advantage SM |
| Canopy Part Number | 5750SM |
| Market Availability | North America, Latin America, Asia |
| Signaling Rate | 20 Mbps Maximum |
| Typical LOS Range | 2 Mile (3.2 km) max |
| Typical Aggregate Useful Throughput | 14 Mbps to 1 Mi |
| Frequency range of band | ISM 5725-5850 MHz |
| Non-overlapping Channels | 6 |
| 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 | 5 - 7 msec |
| Carrier to Interference ratio (C/I) | -3dB @ 10 Mbps, -10dB @ 20 Mbps at -65dBm |
| Nominal Receiver Sensitivity (dbm typical) | -86 dB |
| Antenna Gain (dB) | 7 dB |
| EIRP (dB) | 30 dB |
| Equivalent Isotropic Radiated Power (EIRP) | 1W |
| DC Power (typical) | 0.3 A @ 24 VDC = 7.2 W |
| Antenna Beam Width | 3 dB antenna beam width 60 degrees, Azimuth and Elevation |
| 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 | ABZ89FC5804 |
| Industry Canada Certification Number | 109W-5700 |
| NYCE | 0202CE08128 |

Specifications subject to change without notice.

MOTOROLA and the Stylized M Logo are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their respective owners. © Motorola, Inc. 2005