

## Specifications Sheet



### Motorola Canopy 20 Mbps 5.7 GHz BH



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| Canopy Part Number                         | 5700BH20BC   |
| Description                                | 20 Mbps 5.7 GHz BH   |
| Market Availability                        | North America, Europe, South America, Asia   |
| Signaling Rate                             | 20 Mbps  |
| Typical LOS Range                          | 1 mi (1.6 km)  |
| Typical Aggregate Useful Throughput        | 14.0 Mbps  |
| Frequency range of band                    | ISM 5725-5850 MHz  |
| Non-overlapping Channels                   | 6  |
| Channel Width                              | 20 MHz   |
| Modulation Type                            | High Index 4-level Frequency Shift Keying (FSK) optimized for interference rejection |
| Channel Spacing                            | every 5 MHz  |
| 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) | -79 dB   |
| 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                                     | ABZ89FC5804  |
| Industry Canada Certification Number       | 109W-5700  |
| NYCE                                       | 0202CE08128  |

Specifications subject to change without notice.

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