

Motorola Canopy

CSM 54200 - 5.4 GHz Horizontally Polarized Advantage SM (200 Series)



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| Canopy Part Number | 5450SMHZ |
| Description | CSM 54200 - 5.4 GHz Horizontally Polarized Advantage SM (200 Series) |
| Signaling Rate | 20 Mbps Max |
| Typical LOS Range | 2 Mi (3.2 km) max |
| Typical Aggregate Useful Throughput | 14 Mbps to 1 Mi (1.6 km) |
| Frequency range of band | U-NII 5470-5725 MHz |
| 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 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@ 10 Mbps, -79dBm @ 20 Mbps |
| Antenna Gain (dBi) | 7 dBi |
| EIRP (dBm) | Adjustable to 30 dBm (where approved) |
| Equivalent Isotropic Radiated Power (EIRP) | Adjustable to 1 W (where approved) |
| DC Power (typical) | 0.3A @ 24VDC = 7.2 W |
| Antenna Beam Width | 3 dB antenna beam width 60 degrees, azimuth and elevation |
| Mean Time Between Failure (MTBF) | 40 yr |
| Temperature | -40 degrees C to +55 degrees C (-40 degrees F to +131 degrees 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 | ABZ89FT7623 |
| Industry Canada Certification Number | 109W-5400 |
| CE | "CE" marked & compliant to EN301 893, Implements DFS & TPC. DoCs are available at http://www.canopywireless.com/doc.php |