

Specifications Sheet



Motorola Canopy CSM 54400: 5.4 GHz SM AES



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| Canopy Part Number | 5441SM |
| Description | CSM 54400: 5.4 GHz SM AES |
| Signaling Rate | 35 Mbps Maximum |
| Typical LOS Range | up to 5 miles (8 km) at lowest modulation |
| Typical Aggregate Useful Throughput | 21 Mbps (Max) |
| Frequency range of band | U-NII 5470-5725 MHz |
| Non-overlapping Channels | up to 25 |
| Channel Width | 10 MHz channels centred on 5480-5710 (guard bands excluded) |
| Modulation Type | 1X = QPSK (3/4); 2X = 16QAM (3/4); 3X = 64QAM (3/4) |
| Channel Spacing | Configurable on 5MHz increments |
| Encryption | AES |
| Latency | 5-7 msec |
| Nominal Receiver Sensitivity (dbm typical) | 1X: -89 dBm, 2X: -78 dBm, 3X: -70dBm |
| Antenna Gain (dBi) | 17 dBi |
| EIRP (dBm) | 27 dBm max |
| DC Power (typical) | <12.6W at 29.5VDC |
| Antenna Beam Width | 12 degree horizontal, 12 degree elevation, 3 dB antenna pattern |
| Mean Time Between Failure (MTBF) | >40 years |
| Temperature | -40 degree C to +55 degree C (-40 degree F to +131 degree F) Humidity: 0 to 95%, non-condensing |
| Wind Survival | 190km/hour (118mi/hour) |
| Dimensions | 13.25" H x 8.25" W x 4.38" D (33.7cm H x 21cm W x 11.1cm D) |
| Weight | 2.8 lbs (1.27 kg) |
| Access Method | Time Division Duplexing/Time Division Multiple Access (TDD/TDMA) |
| Interface | 10/100BaseT, half/full duplex, rate auto negotiated (802.3 compliant) |
| Protocols Used | IPv4, UDP, TCP, IP, ICMP, Telnet, SNMP, HTTP, FTP |
| Network Management | HTTP, Telnet, FTP, SNMPv2 (compatible with Prizm 3.1 or later and CNUT 3.0 and later) |
| FCC ID | ABZ89FT7629 |
| Industry Canada Certification Number | 109W-5440 |
| CE | "CE" marked & compliant to EN301 893, Implements DFS & TPC. DoCs are available at http://www.canopywireless.com/doc.php |

Specifications subject to change without notice.

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