

Specifications Sheet



Motorola Canopy

CSM 54400: 5.4 GHz SM AES Connectorized



Canopy Part Number	5441 SMC
Description	CSM 54400: 5.4 GHz SM AES Connectorized
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
DC Power (typical)	<12.6W at 29.5VDC
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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