

Motorola Canopy
PTP 54100 Lite



Canopy Part Number	5400BHDD
Description	PTP 54100 Lite
Signaling Rate	10 Mbps
Typical LOS Range	2 mi (3.2 km)
Typical Aggregate Useful Throughput	7.5 Mbps
Frequency range of band	U-NII 5470-5725 MHz
Non-overlapping Channels	3
Channel Width	20 MHz
Modulation Type	High Index 2-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)	-86 dB
Antenna Gain (dBi)	7 dB
EIRP (dBm)	30 dB
Equivalent Isotropic Radiated Power (EIRP)	Adjustable to 1W
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 Version 2C
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