

Specifications Sheet



Motorola Canopy PTP 54100 Lite - Reflector



Canopy Part Number	5400BHRFDD
Description	PTP 54100 Lite - Reflector
Signaling Rate	10 Mbps
Typical LOS Range	10 mi (16 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
Reflector Gain	18 dB
EIRP (dBm)	48 maximum
Equivalent Isotropic Radiated Power (EIRP)	Adjustable to 63W maximum
DC Power (typical)	0.34 A @ 24 VDC = 8.2 W
Antenna Beam Width	3 dB antenna beam width 6 degrees, Azimuth and Elevation with Reflector
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	Module: 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). Passive Reflector: 18 inch H x 24 in W (45 cm H x 60 cm W)
Weight	.45 kg (1 lb), 3.0 kg (6.5 lbs) with passive reflector
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

Specifications subject to change without notice.