

Specifications Sheet



Motorola Canopy

5.7 GHz Backhaul, 10 Mb, with Reflector



Description	5.7 GHz Backhaul, 10 Mb, with Reflector
Canopy Part Number	5700BHRF
Market Availability	North America, South America, Asia
Signaling Rate	10 Mbps
Typical LOS Range	35 mi (56 km)
Typical Aggregate Useful Throughput	7.5 Mbps
Frequency range of band	ISM 5725-5850 MHz
Non-overlapping Channels	6
Channel Width	20 MHz
Channel Spacing	every 5 MHz
Modulation Type	High Index 2-level Frequency Shift Keying (FSK) optimized for interference rejection
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 (dB)	7 dB
Reflector Gain	18 dB
EIRP (dB)	48 dB
Equivalent Isotropic Radiated Power (EIRP)	63 W
DC Power (typical)	0.34 A @ 24 VDC = 8.2 W
Antenna Beam Width	3 dB antenna beam width 6 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	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
Network Management	HTTP, TELNET, FTP, SNMP Version 2c
FCC ID	ABZ89FC5804
Industry Canada Certification Number	109W-5700
NYCE	0202CE08128

Specifications subject to change without notice.

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