

## Specifications Sheet



### Motorola Canopy 20 Mbps 5.7 GHz BH - Reflector



Canopy Part Number	5700BHRF20
Description	20 Mbps 5.7 GHz BH - Reflector
Market Availability	North America, Europe, South America, Asia
Signaling Rate	20 Mbps
Typical LOS Range	35 mi (56 km)
Typical Aggregate Useful Throughput	14.0 Mbps
Frequency range of band	ISM 5725-5850 MHz
Non-overlapping Channels	6
Channel Width	20 MHz
Modulation Type	High Index 4-level Frequency Shift Keying (BFSK) optimized for interference rejection, 4-Level FSK
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)	-79 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	ISM ABZ89FC5804
Industry Canada Certification Number	109W-5700
NYCE	0202CE08128

Specifications subject to change without notice.

MOTOROLA and the Stylized M Logo are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their respective owners. © Motorola, Inc. 2006