



5700BHRFBC Specifications

Motorola Canopy 5.7GHz Backhaul Module 10 Mbps signaling rate with Reflector kit, 5700BHRFBC

10/100 baseT, half/full duplex. rate auto negotiated(802.3 compliant). Dimension: 1.75"H x 3.4"W x 3.4"D.

- Two units are required for a complete link.
- Power Supply, Surge Suppressor and Mounting Bracket sold separately.
- View as PDF
- (4 unit bundle pack available as PN HK1561A)

Description • 5.7 GHz Backhaul, 10 Mb, with Reflector

Canopy Part Number • 5700BHRFBC

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

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

Specification subject to change without notice, check before placing orders

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