



2400BHBC Specifications

Motorola Canopy 2.4GHz Backhaul 10 Mbps Signaling Rate with AES - 2401BHBC.

Adding another layer of encryption (AES) to the Canopy wireless broadband platform further secures sensitive data by providing a 128-bit encryption more secure than other encryption programs such as filtering, Wired Equivalent Protocol (WEP), Secure Sockets Layer (SSL) and Transport Layer Security (TLS) and Triple Data Encryption Standard (3DES). Two units are required for a complete link

- Power Supply, Surge Suppressor and Mounting Bracket are sold separately.
- Two units are required for a complete link

Description	• 2.4 GHz Backhaul Module 10 Mbps AES
Canopy Part Number	• 2401BHBC
Market Availability	• North America, South America, Asia
Signaling Rate	• 10 Mbps
Typical LOS Range	• 5 Mi (8 km)
Typical Aggregate Useful Throughput	• 7.5 Mbps
Frequency range of band	• ISM 2400-2483.5 MHz
Non-overlapping Channels	• 3
Channel Width	• 20 MHz
Channel Spacing	• every 2.5 MHz
Modulation Type	• High Index 2-level Frequency Shift Keying (FSK) optimized for interference rejection
Encryption	• FIPS 197 certified AES 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 dBm
Antenna Gain (dB)	• 8 dB
EIRP (dB)	• Adjustable
Equivalent Isotropic Radiated Power (EIRP)	• Adjustable from 10 mW to 2.0 W
DC Power (typical)	• 0.34 A @ 24 VDC = 8.2 W
Antenna Beam Width	• 3 dB antenna beam width 60 degrees, Azimuth and Elevation
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
Network Management	• HTTP, TELNET, FTP, SNMP Version 2c
FIPS	• AES product is FIPS 197 certified

Specification subject to change without notice, check before placing orders

Your Notes

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