

Specifications Sheet



Motorola Canopy 300 Mbps BH Pair - Connectorized



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| Canopy Part Number | 5530BHC |
| Description | 300 Mbps BH Pair - Connectorized |
| Signaling Rate | 300 Mbps |
| Typical LOS Range | non-LoS Up to 6 Miles (10Km), near-LoS up to 25 Miles (40Km), LoS Up to 124 Miles (200Km) |
| Typical Aggregate Useful Throughput | Dynamically variable modulation ranges from 14 Mbps to 300 Mbps |
| Frequency range of band | between 5.470 to 5.725 GHz (defined as the ETSI 5 GHz band B) |
| Channel Width | 30 MHz |
| Modulation Type | Adapting between BPSK and 256QAM – (13 Modes). Signal is transmitted and received with multiple beams on separate routes – recorrelates signals and brings multi-path signals into phase. |
| Encryption | Proprietary scrambling mechanism; support of VPN |
| Latency | 1ms |
| Nominal Receiver Sensitivity (dbm typical) | Adaptive, varying between -88 dBm and -59 dBm according to modulation selected |
| Antenna Gain (dB) | Approved to operate with flat plate up to 28 dBi, dish up to 37.7 dBi. 2 x N-type Female |
| DC Power (typical) | 90-240 AC / 36-60V DC, 55W max |
| Mean Time Between Failure (MTBF) | 57 yrs |
| Temperature | -40°F (-40°C) to +140°F (+60°C), including solar radiation |
| Wind Survival | 242 km/hr (150 miles/hr) |
| Dimensions | Outdoor Unit: 12.2W x 12.2H x 4.1D inches (309 x 309 x 105 mm). Indoor Unit: 9.85W x 1.6H x 3.1D inches (250 x 40 x 80 mm) |
| Weight | Outdoor Unit: 9.1 lbs (4.1 kg) including bracket |
| Interface | 10BASE-T / 100BASE-T / 1000BaseT (RJ-45) – auto MDI/MDIX Switching, 1000BaseSX option. Provides dual E1/T1 ports (G703/G704, G823/G824). |
| Protocols Used | IEEE 802.3 compatible |
| Network Management | Web Server and SNMP using MIBII, WiMAX and private MIB |

Specifications subject to change without notice.

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