

# WB2624CC Specifications



**Motorola Canopy 4.9 Ghz Public Safety System, Complete Link, Connectorized Antenna, Maximum 35 Mbps useable aggregate throughput PN WB2624CC**

Near and Non Line of Sight point-to-point, high-capacity, link, Package includes, Two Radio ODU's, Two Radio IDU/Power Supplies, Two Sets of mounting hardware

- RG-214 NMale to NMale Cable sold separately
- Flat Panel and Parabolic Antennas sold separately
- UV Rated Cat 5 PoE cable sold separately
- Surge Suppressor sold separately

<b>Canopy PN</b>	• WB2624CC
<b>RF Band</b>	• 4.940 GHz–4.990 GHz - <i>Regulatory conditions for RF bands should be confirmed prior to system purchase</i>
<b>Channel Center Frequency</b>	• 4945, 4955, 4965, 4975, 4985 MHz; <i>i</i> -DFS or manual
<b>Channel Bandwidth</b>	• 10 Mhz
<b>Channel Selection</b>	• Dynamic frequency control By <i>Intelligent</i> Dynamic Frequency Selection ( <i>i</i> -DFS) or manual intervention
<b>Transmit Power Control</b>	• Adaptive, varying between -10 and 23 dBm according to modulation selected and radio path
<b>EIRP</b>	• < 45 dBm
<b>System Gain Connectorized</b>	• Depends on Modulation Level and Antenna characteristics <i>Gain and maximum transmit power may vary based on regulatory domain</i>
<b>Receiver Sensitivity</b>	• Adaptive, varying between -96.0 dBm and -72.0 dBm according to modulation level
<b>Modulation</b>	• Dynamic, 8 modes adapting between BPSK and 64 QAM
<b>Error Correction</b>	• FEC, ARQ
<b>Connectorized Antenna Gain</b>	• Approved to operate with flat plate up to 28 dBi or parabolic dish up to 37.7 dBi; connected via 2 x N-type female
<b>Range</b>	• LOS up to 124 Mile (200 Km) ^ Range limit set by software release level
<b>Useable Throughput Data Rates (Full)</b>	• Full - Up to 35 Mbps at the Ethernet
<b>Security &amp; encryption</b>	• Proprietary scrambling mechanism; optional AES 128-Bit Encryption; FIPS-197 compliant
<b>Protocol</b>	• IEEE 802.3
<b>Packet prioritization</b>	• IEEE 802.1p
<b>Interface</b>	• 10 BASE-T / 100 BASE-T (RJ-45)–auto MDI/MDIX switching
<b>Latency</b>	• 5 ms typical
<b>T1/E1</b>	• Via external multiplexer
<b>LED indicators</b>	• Power status, Ethernet link status and activity
<b>System management</b>	• Web Server and SNMP
<b>Installation</b>	• Built-in audio assistance for link optimization
<b>Connection Distance</b>	• Outdoor unit and primary network connection: up to 330' (100 meters)
<b>Dimensions Connectorized Outdoor Unit</b>	• Width 12" (305 mm), Height 12" (305 mm), Depth 4.1" (105 mm)
<b>Weight Connectorized Outdoor Unit</b>	• 9.1 lbs (4.3 kg) including bracket
<b>Weight PIDU Plus</b>	• 1.9 lbs (864 g)
<b>Survival Wind speed</b>	• 150 mph (242 kph)
<b>Power source</b>	• 90–240 VAC, 50–60 Hz / 36-60V DC
<b>Power consumption</b>	• 40 W typical
<b>Operating temperature</b>	• -40°F (-40°C) to +140°F (+60°C), including solar radiation
<b>Protection and safety</b>	• UL60950; IEC60950; EN60950; CSA-C22.2 No. 60950
<b>FCC</b>	• Part 90

*Specification subject to change without notice, check before placing orders*