

# WB2631CC Specifications



**Motorola Canopy 4.9 Ghz Public Safety System, One End/Spare, Integrated Antenna, Maximum 35 Mbps useable aggregate throughput PN WB2631CC**  
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

- UV Rated Cat 5 PoE cable sold separately
- Surge Suppressor sold separately

<b>Canopy PN</b>	<ul style="list-style-type: none"><li>● WB2631CC</li></ul>
<b>RF Band</b>	<ul style="list-style-type: none"><li>● 4.940 GHz–4.990 GHz - <i>Regulatory conditions for RF bands should be confirmed prior to system purchase</i></li></ul>
<b>Channel Center Frequency</b>	<ul style="list-style-type: none"><li>● 4945, 4955, 4965, 4975, 4985 MHz; <i>i</i>-DFS or manual</li></ul>
<b>Channel Bandwidth</b>	<ul style="list-style-type: none"><li>● 10 Mhz</li></ul>
<b>Channel Selection</b>	<ul style="list-style-type: none"><li>● Dynamic frequency control By <i>Intelligent</i> Dynamic Frequency Selection (<i>i</i>-DFS) or manual intervention</li></ul>
<b>Transmit Power Control</b>	<ul style="list-style-type: none"><li>● Adaptive, varying between -10 and 23 dBm according to modulation selected and radio path</li></ul>
<b>EIRP</b>	<ul style="list-style-type: none"><li>● &lt; 45 dBm</li></ul>
<b>System Gain Integrated</b>	<ul style="list-style-type: none"><li>● Between 163 and 134 dB</li></ul>
<b>Receiver Sensitivity</b>	<ul style="list-style-type: none"><li>● Adaptive, varying between -96.0 dBm and -72.0 dBm according to modulation level</li></ul>
<b>Modulation</b>	<ul style="list-style-type: none"><li>● Dynamic, 8 modes adapting between BPSK and 64 QAM</li></ul>
<b>Error Correction</b>	<ul style="list-style-type: none"><li>● FEC, ARQ</li></ul>
<b>Integrated Antenna Gain/BW Range</b>	<ul style="list-style-type: none"><li>● 22 dBi 7 degrees Az/EI</li></ul>
<b>Useable Throughput Data Rates</b>	<ul style="list-style-type: none"><li>● Full - Up to 35 Mbps at the Ethernet</li></ul>
<b>Security &amp; encryption</b>	<ul style="list-style-type: none"><li>● Proprietary scrambling mechanism; optional AES 128-Bit Encryption; FIPS-197 compliant</li></ul>
<b>Protocol</b>	<ul style="list-style-type: none"><li>● IEEE 802.3</li></ul>
<b>Packet prioritization</b>	<ul style="list-style-type: none"><li>● IEEE 802.1p</li></ul>
<b>Interface</b>	<ul style="list-style-type: none"><li>● 10 BASE-T / 100 BASE-T (RJ-45)–auto MDI/MDIX switching</li></ul>
<b>Latency</b>	<ul style="list-style-type: none"><li>● 5 ms typical</li></ul>
<b>T1/E1</b>	<ul style="list-style-type: none"><li>● Via external multiplexer</li></ul>
<b>LED indicators</b>	<ul style="list-style-type: none"><li>● Power status, Ethernet link status and activity</li></ul>
<b>System management</b>	<ul style="list-style-type: none"><li>● Web Server and SNMP</li></ul>
<b>Installation</b>	<ul style="list-style-type: none"><li>● Built-in audio assistance for link optimization</li></ul>
<b>Connection Distance</b>	<ul style="list-style-type: none"><li>● Outdoor unit and primary network connection: up to 330' (100 meters)</li></ul>
<b>Dimensions Integrated Outdoor Unit</b>	<ul style="list-style-type: none"><li>● Width 14.5" (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm)</li></ul>
<b>Weight Integrated Outdoor Unit</b>	<ul style="list-style-type: none"><li>● 12.1 lbs (5.5 kg) including bracket</li></ul>
<b>Weight PIDU Plus</b>	<ul style="list-style-type: none"><li>● 1.9 lbs (864 g)</li></ul>
<b>Survival Wind speed</b>	<ul style="list-style-type: none"><li>● 150 mph (242 kph)</li></ul>
<b>Power source</b>	<ul style="list-style-type: none"><li>● 90–240 VAC, 50–60 Hz / 36-60V DC</li></ul>
<b>Power consumption</b>	<ul style="list-style-type: none"><li>● 40 W typical</li></ul>
<b>Operating temperature</b>	<ul style="list-style-type: none"><li>● -40°F (-40°C) to +140°F (+60°C), including solar radiation</li></ul>
<b>Protection and safety</b>	<ul style="list-style-type: none"><li>● UL60950; IEC60950; EN60950; CSA-C22.2 No. 60950</li></ul>
<b>FCC</b>	<ul style="list-style-type: none"><li>● Part 90</li></ul>

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

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