

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

Canopy PN	<ul style="list-style-type: none">● WB2631CC
RF Band	<ul style="list-style-type: none">● 4.940 GHz–4.990 GHz - <i>Regulatory conditions for RF bands should be confirmed prior to system purchase</i>
Channel Center Frequency	<ul style="list-style-type: none">● 4945, 4955, 4965, 4975, 4985 MHz; <i>i</i>-DFS or manual
Channel Bandwidth	<ul style="list-style-type: none">● 10 Mhz
Channel Selection	<ul style="list-style-type: none">● Dynamic frequency control By <i>Intelligent</i> Dynamic Frequency Selection (<i>i</i>-DFS) or manual intervention
Transmit Power Control	<ul style="list-style-type: none">● Adaptive, varying between -10 and 23 dBm according to modulation selected and radio path
EIRP	<ul style="list-style-type: none">● < 45 dBm
System Gain Integrated	<ul style="list-style-type: none">● Between 163 and 134 dB
Receiver Sensitivity	<ul style="list-style-type: none">● Adaptive, varying between -96.0 dBm and -72.0 dBm according to modulation level
Modulation	<ul style="list-style-type: none">● Dynamic, 8 modes adapting between BPSK and 64 QAM
Error Correction	<ul style="list-style-type: none">● FEC, ARQ
Integrated Antenna Gain/BW	<ul style="list-style-type: none">● 22 dBi 7 degrees Az/EI
Range	<ul style="list-style-type: none">● LOS up to 124 Mile (200 Km) ^ Range limit set by software release level
Useable Throughput Data Rates	<ul style="list-style-type: none">● Full - Up to 35 Mbps at the Ethernet
Security & encryption	<ul style="list-style-type: none">● Proprietary scrambling mechanism; optional AES 128-Bit Encryption; FIPS-197 compliant
Protocol	<ul style="list-style-type: none">● IEEE 802.3
Packet prioritization	<ul style="list-style-type: none">● IEEE 802.1p
Interface	<ul style="list-style-type: none">● 10 BASE-T / 100 BASE-T (RJ-45)–auto MDI/MDIX switching
Latency	<ul style="list-style-type: none">● 5 ms typical
T1/E1	<ul style="list-style-type: none">● Via external multiplexer
LED indicators	<ul style="list-style-type: none">● Power status, Ethernet link status and activity
System management	<ul style="list-style-type: none">● Web Server and SNMP
Installation	<ul style="list-style-type: none">● Built-in audio assistance for link optimization
Connection Distance	<ul style="list-style-type: none">● Outdoor unit and primary network connection: up to 330' (100 meters)
Dimensions Integrated Outdoor Unit	<ul style="list-style-type: none">● Width 14.5" (370 mm), Height 14.5" (370 mm), Depth 3.75" (95 mm)
Weight Integrated Outdoor Unit	<ul style="list-style-type: none">● 12.1 lbs (5.5 kg) including bracket
Weight PIDU Plus	<ul style="list-style-type: none">● 1.9 lbs (864 g)
Survival Wind speed	<ul style="list-style-type: none">● 150 mph (242 kph)
Power source	<ul style="list-style-type: none">● 90–240 VAC, 50–60 Hz / 36-60V DC
Power consumption	<ul style="list-style-type: none">● 40 W typical
Operating temperature	<ul style="list-style-type: none">● -40°F (-40°C) to +140°F (+60°C), including solar radiation
Protection and safety	<ul style="list-style-type: none">● UL60950; IEC60950; EN60950; CSA-C22.2 No. 60950
FCC	<ul style="list-style-type: none">● Part 90

Specification subject to change without notice, check before placing orders

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