



WB2635CC Specifications

Motorola Canopy 4.9 Ghz Public Safety System, One End/Spare, Connectorized Antenna, Maximum 35 Mbps useable aggregate throughput

PN WB2635CC

Near and Non Line of Sight point-to-point, high-capacity, link,

Package includes, Radio ODU, Radio IDU/Power Supply, Set of mounting hardware

Canopy PN	<ul style="list-style-type: none">• WB2635CC
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 Connectorized	<ul style="list-style-type: none">• Depends on Modulation Level and Antenna characteristics <i>Gain and maximum transmit power may vary based on regulatory domain</i>
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
Connectorized Antenna Gain	<ul style="list-style-type: none">• 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
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 (Full)	<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 Connectorized Outdoor Unit	<ul style="list-style-type: none">• Width 12" (305 mm), Height 12" (305 mm), Depth 4.1" (105 mm)
Weight Connectorized Outdoor Unit	<ul style="list-style-type: none">• 9.1 lbs (4.3 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