

AG-CM42W / AG-CM44W MIMO Omni Directional WiFi 6 Antenna w/ Ceiling Mount
Multi-Band MIMO 2 x / 4x WiFi 6 (2.4~6GHz) / Bluetooth (2.4GHz)
Includes Ceiling Mounting Hardware / 15ft Coax Cables

WiFi 6 / Bluetooth (2.4GHz) Frequency Range	2.4-2.5GHz / 4.9-6GHz (Concurrent)
WiFi 6 / Bluetooth Avg. Peak Gain: <i>Isotropic</i>	4dBi / 6dBi
Beamwidth (MHz)	100MHz / 700MHz
Typical Efficiency WiFi Elements	>70%
Isolation WiFi / Bluetooth Elements	>10dB >12dB
Correlation Co-efficient WiFi / BT Elements	<0.2 <0.1
Horizontal Half Power Beamwidth	360° / 360°
Vertical Half Power Beamwidth	55° / 35°
VSWR	≤2.0 / ≤2.0
Nominal Impedance	50Ω
Polarization Radiation Pattern	MIMO 2 x Vertical / MIMO 4 x Vertical Omni-Directional
Max. Power	50W
Supported WiFi IEEE Standards	
WiFi 1-6	WiFi 1 WiF 2 (802.11ba) WiFi 3 (802.11g) WiFi 4 (802.11n) WiFi 5 (802.11ac) WiiFi 6 6E (802.11ax) WiFi 7 (802.11be)
Mechanical / Environmental Specifications	
Application	Inside
Radome	UV Resistant ABS Height: 2.75" / 70mm - Diameter: 4.75" / 120mm
Coax Cables / Connector Types	15ft AGA200 Coax Cables / RP SMA Male Connector Ends <i>Extension Cables Sold Separately</i>
Mounting Hardware	Includes Ceiling Mount Hardware
Ingress Protection	IP54
Humidity	5%~95%
Operating Temp (°F)	-40° / +158° (°F)
Weight	1.3lbs / 0.6kg <i>Includes Mounting Hardware</i>

AG-CM42W / AG-CM44W MIMO Omni Series WiFi 6 Antenna
Dimensions / Mounting Hardware

70mm
2.75"



120mm
4.75"

AG-CM42W -15-RPSM
(2-Leads)



AG-CM44W -15-RPSM
(4-Leads)



AG-CM42W / AG-CM44W Omni MIMO WiFi Antenna Configuration Options – Ceiling Mount w/ 15ft Coax Cables

Configuration Options

AG-CM42W-15-RPSM: Omni MIMO WiFi Ceiling Mount Antenna w/ 2 x 15ft Coax Cables – RP SMA Male
AG-CM44W-15-RPSM: Omni MIMO WiFi Ceiling Mount Antenna w/ 4 x 15ft Coax Cables – RP SMA Male



AG-CM42W -15-RPSM
(2-Leads)



AG-CM44W -15-RPSM
(4-Leads)

