

MBK4W / MBK6W Omni Directional Multi MIMO 4 x / 6 x WiFi 6 Antenna
Multi Band MIMO WiFi 6 (2.4~6GHz) / Bluetooth (2.4GHz)
Includes 15ft Coax Cables / L-Bracket Mounting Hardware

WiFi 6 / Bluetooth (2.4GHz) Frequency Range	2.4-2.5GHz / 4.9-6GHz (Concurrent)
WiFi 6 / Bluetooth Avg. Peak Gain: <i>Isotropic</i>	6dBi / 6dBi
Beamwidth (MHz)	100MHz / 1000MHz
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	45° / 25°
VSWR	≤2.0 / ≤2.0
Nominal Impedance	50Ω
Polarization Radiation Pattern	MIMO 4 x Vertical / MIMO 6 x Vertical Omni-Directional
Max. Power	50W

Mechanical / Environmental Specifications

Application	Outdoor
Radome	UV Resistant ABS Height: 7" / 180mm - Diameter: 6" / 151mm
Coax Cables	15ft AGA200 Coax Cables <i>Extension Cables Sold Separately</i>
Connector Types	RP SMA Male Connector Ends <i>(All Standard Connector Ends Available (Including FAKRA))</i>
Mounting Hardware <i>(Stainless Steel)</i>	Includes Mounting Hardware <i>L-Bracket Mount + 2 x U-Bolt Sets</i>
Mounting Mast Diameter	1.5"~2" / 40mm~50mm
Ingress Protection	IP67
Humidity	5%~95%
Wind Velocity	125 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	3lbs / 1.4kg <i>Includes Mounting Hardware</i>



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Multi-Band Omni MIMO 4 x / 6 x WiFi 2.4GHz ~ 6GHz / Bluetooth 2.4GHz
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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)
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MBK Omni MIMO WiFi Series Antenna
Dimensions / L-Bracket Mount



180mm
7"

Includes
L-Bracket Mount



151mm
6"



MBK Omni MIMO WiFi Series Antenna – 15ft Coax Cables / L-Bracket Mount
 "Built To Spec" Custom Cable Options are Available. Contact us for details.





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MBK Omni MIMO WiFi Series Antenna Configuration Options – L-Bracket Mount w/ 15ft Coax Cables

Configuration Options (RP SMA)	MBK4W-15-RP: <i>Omni MIMO WiFi Bracket Mount Antenna w/ 4 x 15ft Coax Cables – RP SMA Male</i> MBK6W-15-RP: <i>Omni MIMO WiFi Bracket Mount Antenna w/ 6 x 15ft Coax Cables – RP SMA Male</i>
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15ft AGA200
Coax Cables

MBK4W -15-RP
(4-Leads)



MBK6W -15-RP
(6-Leads)





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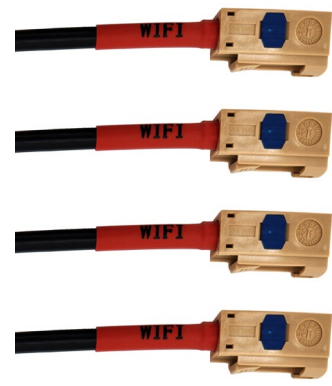
MBK Omni MIMO WiFi Series Antenna Configuration Options – L-Bracket Mount w/ 15ft Coax Cables (FAKRA)

Configuration Options (FAKRA)	MBK4W-15-FAKRA: <i>Omni MIMO WiFi Bracket Mount Antenna w/ 4 x 15ft Coax Cables – FAKRA</i> MBK6W-15-FAKRA: <i>Omni MIMO WiFi Bracket Mount Antenna w/ 6 x 15ft Coax Cables – FAKRA</i>
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15ft AGA200
Coax Cables

MBK4W -15-FAKRA
(4-Leads)



MBK6W -15-FAKRA
(6-Leads)

