






AG45 AG44 AG43 Low-Profile Series Mobility Antenna Specifications  
 Multi-Carrier Multi MIMO Cellular 4G 5G CBRS / GPS GNSS / Multi MIMO Dual Band WiFi 2.4 5GHz

Multi-Carrier / Multi-Technology MIMO 4G LTE CBRS 5G Compliant	Verizon 4G 5G (DSS) Bands: B2 B4 B5 B13 B46 B48 B66 T-Mobile 4G 5G Bands: B2 B4 B5 B12 B25 B26 B41 B66 B71 n25 n41 n66 n71 AT&T 4G 5G Bands: B2 B4 B5 B12 B14 B17 B29 B30 B66 n5 CBRS LTE Band: B48
4G 5G CBRS Frequency Range WiFi Frequency Range	617-960MHz / 1710-6000MHz 2.4-2.5GHz / 4.9-6GHz (Concurrent)
4G 5G CBRS Peak Gain: <i>Isotropic (dBi)</i> WiFi Peak Gain: <i>Isotropic (dBi)</i>	(2dBi) 617-960MHz / (3dBi) 1710-3800MHz / (5.5dBi) 4900-6000MHz / (2.5dBi) CBRS LTE 3.5GHz (9dBi) 2.4-2.5GHz / (9dBi) 4.9-6GHz
Typical Efficiency 4G 5G Elements	617-960MHz >60% 1710-3800MHz >65% 4900-6000MHz >85%
Typical Efficiency WiFi Elements	>70%
Isolation 4G 5G Elements Isolation WiFi Elements	>12dB >14dB
Correlation Co-efficient 4G 5G Elements Correlation Co-efficient WiFi Elements	<0.2 <0.1
Radiation Pattern	Omni Directional
Nominal Impedance	50Ω
GPS GNSS Specifications	GPS Glonass Galileo QZSS Compass <i>In-Band Frequency Interference Filter for LTE B13 B14</i>
Frequency Range	1562-1612MHz
LNA Gain	26dB ± 2dB
VSWR	<2.0:1
Out of Band Rejection	>40dB (@ > +/- 100MHz f)
Typical Noise Figure	<-2dB
Notch Filter Rejection @787MHz	24dB
Operating Voltage	3-5V DC
Typical Current	15mA
Antenna Housing	High Impact UV Stable ABS Polymer ( <i>Black or White</i> ) Bolt Mount: <i>Housing Height: 50mm (2") / Base Length: 56mm (2.2") / Base Width: 56mm (2.2")</i> Magnetic Mount: <i>Housing Height: 60mm (2.36") / Base Length: 56mm (2.2") / Base Width: 56mm (2.2")</i>
Connector Types	All Standard RF Connectors Available
15ft Coax Cables (All Cables Full Length)	Cellular 4G 5G CFD200 Coax Cables / Dual Band WiFi CFD200 Coax Cables / GPS GNSS CFD100 Coax Cable * Custom cable length & connector end options are available
Bolt Mount Magnetic Mount	Stainless Steel Mounting Bolt: Length 20mm (0.8") / Diameter 22mm (0.9") Commercial Grade Rare Earth Magnets w/Baseplate Pad
Operating Temp	-40° / +80°C (-40° / +176°F)
Ingress Protection	IP69K

### Bolt Mount Antenna Configuration Options

<p>AG45 5-Element Bolt Mount Configurations</p>	<p>AG45-BB-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x WiFi Dual Band – (Black)          AG45-BW-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x WiFi Dual Band – (White)          AG45-BB-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (Black)          AG45-BW-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (White)          AG45-BB-4WG: Multi-MIMO 4 x WiFi Dual Band / GPS GNSS – (Black)          AG45-BW-4WG: Multi-MIMO 4 x WiFi Dual Band / GPS GNSS – (White)</p>	
<p>AG44 4-Element Bolt Mount Configurations</p>	<p>AG44-BB-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / WiFi Dual Band – (Black)          AG44-BW-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / WiFi Dual Band – (White)          AG44-BB-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x WiFi Dual Band – (Black)          AG44-BW-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x WiFi Dual Band – (White)          AG44-BB-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (Black)          AG44-BW-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (White)          AG44-BB-4W: Multi MIMO 4 x WiFi Dual Band – (Black)          AG44-BW-4W: Multi MIMO 4 x WiFi Dual Band – (White)</p>	
<p>AG43 3-Element Bolt Mount Configurations</p>	<p>AG43-BB-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (Black)          AG43-BW-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (White)          AG43-BB-2WG: MIMO x 2 Dual Band WiFi / GPS GNSS – (Black)          AG43-BW-2WG: MIMO x 2 Dual Band WiFi / GPS GNSS – (White)          AG43-BB-3W: MIMO 3 x WiFi Dual Band / GPS GNSS – (Black)          AG43-BW-3W: MIMO 3 x WiFi Dual Band / GPS GNSS – (White)</p>	

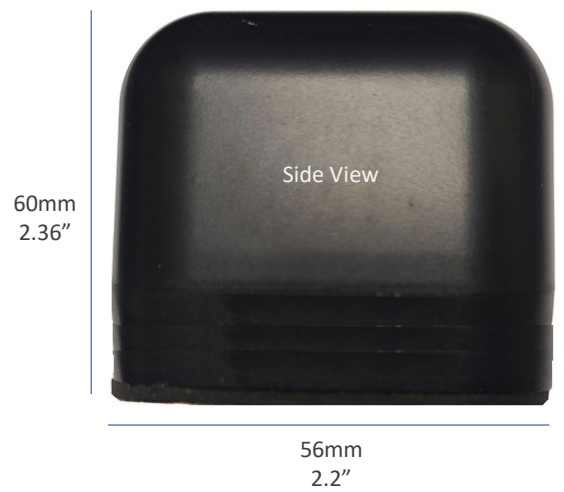
### Magnetic Mount Antenna Configuration Options

<p>M450 5-Element Magnetic Mount Configurations</p>	<p>AG45-MB-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x WiFi Dual Band – (Black)          AG45-MW-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x WiFi Dual Band – (White)          AG45-MB-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (Black)          AG45-MW-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (White)          AG45-MB-4WG: Multi-MIMO 4 x WiFi Dual Band / GPS GNSS – (Black)          AG45-MW-4WG: Multi-MIMO 4 x WiFi Dual Band / GPS GNSS – (White)</p>	
<p>AG44 4-Element Magnetic Mount Configurations</p>	<p>AG44-MB-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / WiFi Dual Band – (Black)          AG44-MW-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / WiFi Dual Band – (White)          AG44-MB-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x WiFi Dual Band – (Black)          AG44-MW-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x WiFi Dual Band – (White)          AG44-MB-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (Black)          AG44-MW-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (White)          AG44-MB-4W: Multi MIMO 4 x WiFi Dual Band – (Black)          AG44-MW-4W: Multi MIMO 4 x WiFi Dual Band – (White)</p>	
<p>AG43 3-Element Magnetic Mount Configurations</p>	<p>AG43-MB-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (Black)          AG43-MW-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (White)          AG43-MB-2WG: MIMO x 2 Dual Band WiFi / GPS GNSS – (Black)          AG43-MW-2WG: MIMO x 2 Dual Band WiFi / GPS GNSS – (White)          AG43-MB-3W: MIMO 3 x WiFi Dual Band / GPS GNSS – (Black)          AG43-MW-3W: MIMO 3 x WiFi Dual Band / GPS GNSS – (White)</p>	

**Bolt Mount Antennas**  
 Base: 56mm (2.2") x 56mm (2.2")  
 Height: 50mm (2")



**Magnetic Mount Antennas**  
 Base: 56mm (2.2") x 56mm (2.2")  
 Height: 60mm (2.36")



Top View

