



AG8dB Omni Series Cellular 4G 5G NR Antenna
Omni Directional Cellular 4G LTE CBRS 5G NR / WiFi HaLow
Includes Magnetic Mount Base w/ 12ft Coax Cable
* Contact Us For 8dB HaLow WiFi Configuration Options

AG8dB Omni Series M2M IoT Antenna Specifications
Cellular 4G LTE CBRS 5G NR / WiFi HaLow (902~928Mhz)
Magnetic Mount w/ 12ft Coax Cable

4G LTE CBRS 5G NR Frequency Range	617-960MHz / 1710-4000MHz
4G CBRS 5G NR Avg Peak Gain <i>Isotropic</i> WiFi HaLow Avg Peak Gain <i>Isotropic</i>	(3dBi) 617~960MHz / (5dBi) 1710-4000MHz / (5dBi) CBRS 3.5GHz) (5dBi) WiFi HaLow (902~928Mhz)
Typical Efficiency 4G 5G	617-960MHz >50% 1710-4000MHz >50%
Typical Efficiency WiFi <i>HaLow</i>	>50%
Horizontal Half Power Beamwidth	360° / 360°
Vertical Half Power Beamwidth	40° / 20°
VSWR	≤1.5 / ≤1.5
Nominal Impedance	50Ω
Polarization Radiation	Vertical Omni Directional
Max. Power	50W
Mechanical / Environmental Specifications	
Mast	Stainless Steel Height: 12.75" / 324mm
Antenna Connector Type	All Standard RF Connector Ends Available
Mount	3.15" Rare Earth Magnetic Mount Base w/ 12ft AGA200 Coax Cable
Ingress Protection	IP67
Wind Velocity	140 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	1lbs / 0.45kg Including Magnetic Mounting Hardware

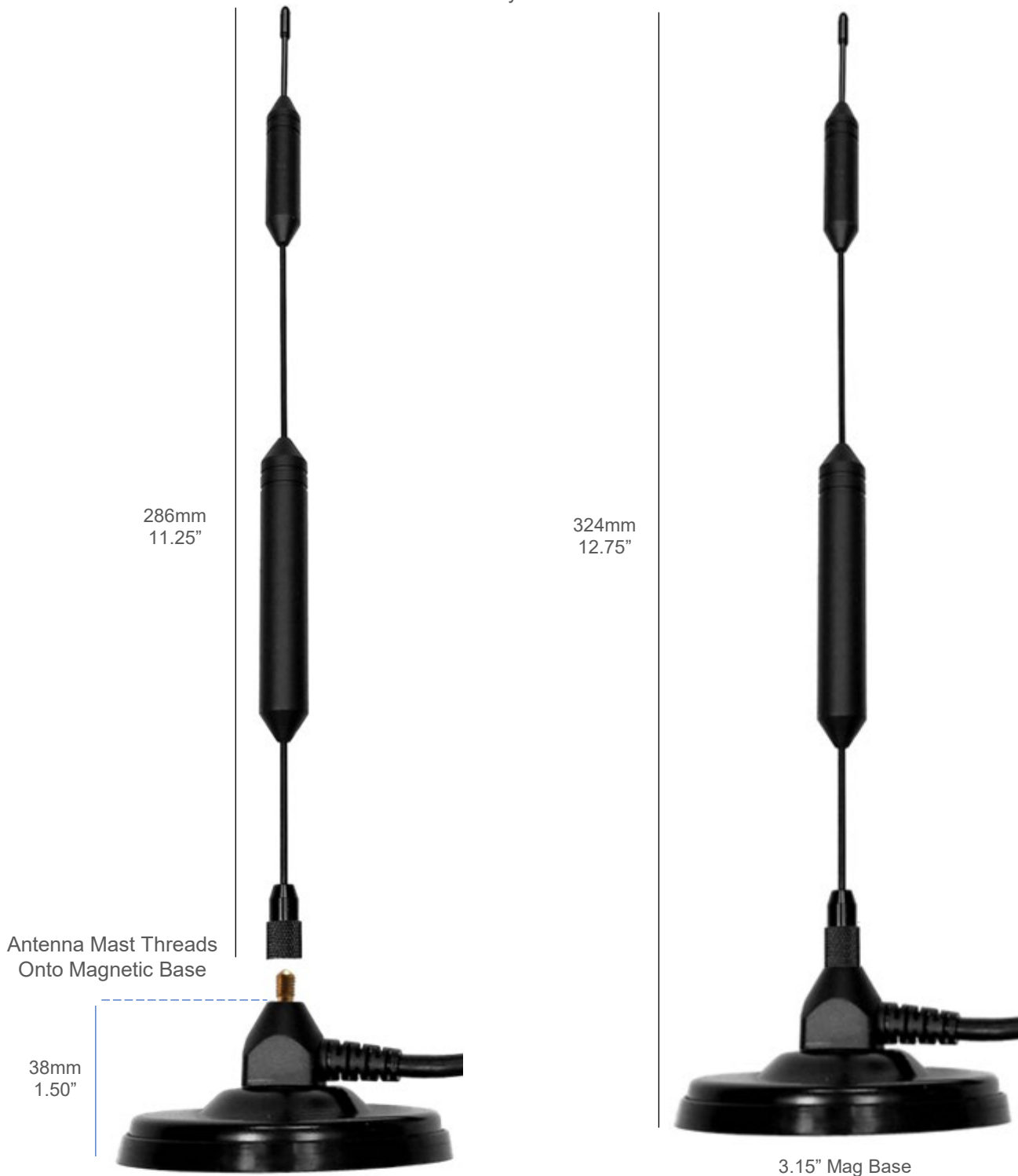


AG8dB Omni Series Cellular 4G 5G NR Antenna
Omni Directional Cellular 4G LTE CBRS 5G NR / WiFi HaLow
Includes Magnetic Mount Base w/ 12ft Coax Cable
* Contact Us For 8dB HaLow WiFi Configuration Options

Supported Cellular Service Provider Networks	
Verizon	Verizon 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B13 B46 B48 B66 (CBRS B48) 5G NR: N2 N5 N66 N77 Carriers (MVNOs) using Verizon Network: <i>Reach Mobile, Red Pocket Mobile, Spectrum Mobile, Ting Total, Tracfone, Twigby, US Mobile, Visible, Xfinity Mobile</i>
T-Mobile	Mobile 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B12 B25 B26 B41 B48 B66 B71 (CBRS B48) 5G NR: N25 N41 N66 N71 Carriers (MVNOs) using T-Mobile Network <i>Mint Mobile, TextNow, Lyca Mobile, Metro, Red Pocket Mobile Republic Wireless, Simple Mobile, Ting, Tracfone, US Mobile</i>
AT&T	AT&T 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B12 B14 B17 B29 B30 B48 B66 (CBRS B48) GSM: 1900MHz 5G NR: N2 N5 N66 N77 Carriers (MVNOs) using AT&T Network <i>Cricket Wireless, Net 10 Wireless, Red Pocket Mobile, Straight Talk</i>
Supported Cellular Bands	
5G NR Bands	n1 n2 n3 n5 n7 n8 n12 n13 n14 n18 n20 n25 n26 n28 n29 n30 n38 n40 n41 n48-CBRS n66 n71 n75 n76 n77 n78 n79 C-band
4G LTE Bands	B1 B2 B3 B4 B5 B7 B8 B12 B13 B14-FirstNet B17 B18 B19 B20 B25 B26 B28 B29 B30 B32 B38 B39 B40 B41 B42 B43 B46-LAA B48-CBRS B66 B71
3G Bands	B1 B2 B3 B4 B5 B6 B8 B9 B19
Supported WiFi IEEE Standards	
* WiFi HaLow	WiFi HaLow (802.11ah) * Contact Us For AG8dB HaLow WiFi Configuration Options

AG8dB Omni Series Antenna
 Dimensions / Magnetic Mount

Assembly Instructions



AG8dB Omni Series Antenna Configuration Options – Magnetic Mount w/ 12ft Coax Cable

Configuration Options

AG8dB MAG-12-SM: Cellular 4G 5G Magnetic Mount Antenna w/ 12ft Coax Cable – SMA Male
 AG8dB MAG-12-FF: Cellular 4G 5G Magnetic Mount Antenna w/ 12ft Coax Cable – FME Female
 AG8dB MAG-12-TM: Cellular 4G 5G Magnetic Mount Antenna w/ 12ft Coax Cable – TNC Male
 AG8dB MAG-12-SMCM: Cellular 4G 5G Magnetic Mount Antenna w/ 12ft Coax Cable – SMC Male
 AG8dB MAG-12-NF: Cellular 4G 5G Magnetic Mount Antenna w/ 12ft Coax Cable – N Female
 AG8dB MAG-12-FAKRA: Cellular 4G 5G Magnetic Mount Antenna w/ 12ft Coax Cable – FAKRA

AG8dB Magnetic Mount Antenna
 Includes 12ft Antenna Coax Cable
 Includes Connector End Options
 Custom Coax Cable Lengths Available

Magnetic Mount
 Connector End Options

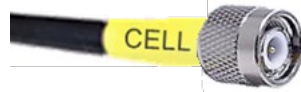
AG8dB MAG-12-SM



AG8dB MAG-12-FF



AG8dB MAG-12-TM



AG8dB MAG-12-SMCM



AG8dB MAG-12-NF



AG8dB MAG-12-FAKRA

