

AX3dB Omni Series M2M IoT Antenna Specifications Cellular 4G LTE 5G NR / WiFi HaLow (902~928Mhz) Magnetic Mount w/ 10ft Coax Cable	
4G LTE 5G NR Frequency Range	698-960MHz / 1710-2700MHz
4G 5G NR Avg Peak Gain Isotropic WiFi HaLow Avg Peak Gain Isotropic	(2dBi) 698-960MHz / (3dBi) 1710-2700MHz (3dBi) WiFi HaLow (902~928Mhz)
Typical Efficiency 4G 5G	617-960MHz >50% 1710-2700MHz >50%
Typical Efficiency WiFi HaLow	>50%
Horizontal Half Power Beamwidth	360° / 360°
Vertical Half Power Beamwidth	85°±10° / 75°±8°
VSWR	≤2.0 / ≤2.0
Nominal Impedance	50Ω
Polarization Radiation	Vertical Omni Directional
Max. Power	20W
Mechanical / Environmental Specifications	
Application	Indoor / Outdoor
Mast	UV Resistant ABS Encased Stainless Steel Height: 4.3" / 110mm (Includes Magnetic Mount Base)
Antenna Connector Type	All Standard RF Connector Ends Available
Mount	1.25" Rare Earth Magnetic Mount Base w/ 10ft AGA100 Coax Cable
Humidity	5% ~ 95%
Wind Velocity	140 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	1.8oz / 50gm Including Magnetic Mounting Hardware

Supported Cellular Service Provider Networks	
Verizon	Verizon 4G LTE 5G NR Bands 4G LTE: B2 B4 B5 B13 B66 5G NR: N2 N5 N66 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 5G NR: N25 N41 N66 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 B66 GSM: 1900MHz 5G NR: N2 N5 N66 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 n14 n18 n20 n25 n26 n27 n28 n29 n30 n38 n40 n41 n66 n70 n74 n75 n76 n80 n90
4G LTE Bands	B1 B2 B3 B4 B5 B7 B8 B12 B13 B14-FirstNet B17 B18 B19 B20 B23 B24 B25 B26 B28 B29 B30 B32 B38 B39 B40 B41 B42 B43 B66 B70 B74 B75 B76
3G Bands	B1 B2 B3 B4 B5 B6 B8 B9 B19
Supported WiFi IEEE Standards	
* WiFi HaLow	WiFi HaLow (802.11ah) * Contact Us For AX3dB WiFi HaLow Configuration Options

AX3dB Omni Series Antenna
Dimensions / Magnetic Mount

114mm
4.5"



1.25" Rare Earth
Magnetic Base

AX3dB Omni Series Antenna Configuration Options – Magnetic Mount w/ 10ft Coax Cable

Configuration Options

AX3dBMAG-10-SM: Cellular 4G 5G Magnetic Mount Antenna w/ 10ft Coax Cable – SMA Male
 AX3dBMAG-10-FF: Cellular 4G 5G Magnetic Mount Antenna w/ 10ft Coax Cable – FME Female
 AX3dBMAG-10-TM: Cellular 4G 5G Magnetic Mount Antenna w/ 10ft Coax Cable – TNC Male

Magnetic Mount Antenna
 Includes 10ft AGA100 Coax Cable
 Custom Coax Cable Lengths Available
 All Standard RF Connector Ends Available



Magnetic Mount Connector End Options

AX3dBMAG-10-SM



AX3dBMAG-10-FF



AX3dBMAG-10-TM

