

MPA-5G Blade Paddle Series 4G LTE CBRS 5G NR M2M IoT Antenna
 Cellular 4G LTE CBRS 5G NR / WiFi HaLow (902~928Mhz)
 Omni Dipole / 90° Articulating Knuckle

4G LTE CBRS 5G NR Frequency Range	617-698MHz / 698-960MHz / 1710-2700MHz / 3300-3800MHz / 4900-6000MHz
4G CBRS 5G NR Avg Peak Gain <i>Isotropic</i> WiFi HaLow Avg Peak Gain <i>Isotropic</i>	1.5dBi / 2.0dBi / 3dBi / 5dBi / 5.5dBi 2dBi WiFi HaLow (902~928Mhz) <i>* Contact Us For MPA-5G WiFi HaLow Configuration Options</i>
Typical Efficiency 4G 5G	617-960MHz >70% 1710-6000MHz >70%
Typical Efficiency WiFi <i>HaLow</i>	>70%
Horizontal Half Power Beamwidth	360°
VSWR	≤2.5
Nominal Impedance	50Ω
Polarization Radiation	Linear - Vertical Omni Directional
Max. Power	50W
Mechanical / Environmental Specifications	
Application	Inside
Mast	UV Resistant ABS
Color	Black
Dimensions	Height: 6.4" (162.56mm) x Width: 0.75" (19mm)
Ground Plane	Ground Plane Independent
Connector Type	SMA Male / FAKRA Cell
Mount	Direct
Ingress Protection	IP67
Operating Temp (°F)	-40° / +158° (°F)
Weight	1.55 oz / 44g



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 MPA-5G WiFi HaLow Configuration Options





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 Dimensions / 90° Articulating Knuckle

Antenna Dimensions
 Height: 6.4" / 162.56mm
 Width: 0.75" / 19mm





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Configurations

SKU: MPA-5G-SM



SKU: MPA-5G-FAKRA

