

M30-NMO Omni Directional Cellular 4G 5G NR Antenna - NMO

Cellular 4G LTE CBRS 5G NR / WiFi HaLow (902~928Mhz)

Optional Magnetic & NMO Mounting Kits

4G LTE CBRS 5G NR Frequency Range WiFi HaLow Frequency Range	617-960MHz / 1710-7000MHz 902~928Mhz
4G CBRS 5G NR Avg. Peak Gain: <i>Isotropic</i> WiFi HaLow Avg. Peak Gain: <i>Isotropic</i>	(2.5dBi) 617-960MHz / (5dBi) 1700-7000MHz (3.5dBi) 902~928Mhz
Typical Efficiency 4G 5G	617-960MHz >70% 1710-7000MHz >75%
Typical Efficiency WiFi HaLow	>70%
Horizontal Half Power Beamwidth	360° / 360°
Vertical Half Power Beamwidth	60° / 45°
VSWR	≤1.5 / ≤1.5
Nominal Impedance	50Ω
Polarization	Vertical Omni Directional
Max. Power	50W

Mechanical / Environmental Specifications

Radome	High Impact UV Stable ABS Polymer Height 4" / 102mm / Diameter 1.6" / 41mm
Mount Connector Type	NMO
Mounting Kit Options	Optional Kits <i>NMO Magnetic Mount Base w/ 15ft Coax Cable</i> <i>NMO Mount Base w/ 15ft Coax Cable</i> <i>All Standard Connector Ends Available (Including FAKRA Connector Ends)</i>
Ingress Protection	IP69K
Humidity (%)	5% to 95%
Wind Velocity	140 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	7oz / 0.2kg



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 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 HaLow	WiFi HaLow (802.11ah) * Contact Us For M30-NMO HaLow WiFi Configuration Options





M30-NMO Omni Series Cellular 4G 5G / WiFi HaLow Antenna
Cellular 4G LTE CBRS 5G NR / WiFi HaLow
Magnetic Mount Option / NMO Mount Option
* Contact Us For M30-NMO WiFi HaLow Configuration Options

M30-NMO Omni Series Antenna
Dimensions / NMO Mount

SKU: M30-NMO

4" / 102mm



1.6" / 41mm

NMO Mount



M30-NMO Series Cellular IoT M2M Antenna. Optional Magnetic / NMO Mounts w/ 15ft Coax Cables Available
"Built To Spec" Custom Cable Options are Available. Contact us for details.





M30-NMO Omni Series Antenna w/ Magnetic Mount - Configuration Options

Configuration Options

- M30-M15-SM: Cellular 4G 5G Magnetic Mount Antenna w/ 15ft Coax Cable – SMA Male
- M30-M15-FF: Cellular 4G 5G Magnetic Mount Antenna w/ 15ft Coax Cable – FME Female
- M30-M15-TM: Cellular 4G 5G Magnetic Mount Antenna w/ 15ft Coax Cable – TNC Male
- M30-M15-SMCM: Cellular 4G 5G Magnetic Mount Antenna w/ 15ft Coax Cable – SMC Male
- M30-M15-NF: Cellular 4G 5G Magnetic Mount Antenna w/ 15ft Coax Cable – N Female
- M30-M15-FAKRA: Cellular 4G 5G Magnetic Mount Antenna w/ 15ft Coax Cable – FAKRA

M30-MAG



3.15" Mag Mount Base

Includes Magnetic Mount
w/15ft Coax Cable

Magnetic Mount
Connector End Options

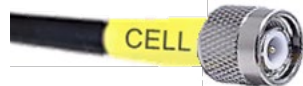
M30-M15-SM



M30-M15-FF



M30-M15-TM



M30-M15-SMCM



M30-M15-NF



M30-M15-FAKRA





M30-NMO Omni Series Antenna w/ NMO Mount - Configuration Options

<p>Configuration Options</p>	<p>M30-NMO-KIT15-SM: Cellular 4G 5G NMO Mount Antenna w/ 15ft Coax Cable – SMA Male M30-NMO-KIT15-FF: Cellular 4G 5G NMO Mount Antenna w/ 15ft Coax Cable – FME Female M30-NMO-KIT15-TM: Cellular 4G 5G NMO Mount Antenna w/ 15ft Coax Cable – TNC Male M30-NMO-KIT15-SMCM: Cellular 4G 5G NMO Mount Antenna w/ 15ft Coax Cable – SMC Male M30-NMO-KIT15-NF: Cellular 4G 5G NMO Mount Antenna w/ 15ft Coax Cable – N Female M30-NMO-KIT15-FAKRA: Cellular 4G 5G NMO Mount Antenna w/ 15ft Coax Cable – FAKRA</p>
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M30-NMO



Includes NMO Mount
w/15ft Coax Cable



NMO Mount Base



NMO Mount
Connector End Options

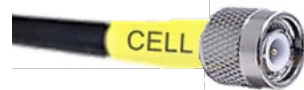
M30-NMO-KIT15-SM



M30-NMO-KIT15-FF



M30-NMO-KIT15-TM



M30-NMO-KIT15-SMCM



M30-NMO-KIT15-NF



M30-NMO-KIT15-FAKRA

