

M12-Yagi Log Periodic Directional Antenna w/Tilt L-Bracket Mount
 Multi Carrier YAGI Directional Cellular 4G LTE CBRS 5G / WiFi HaLow
Includes 1ft Coax Cables / Tilt-Bracket Mount Hardware

4G LTE CBRS 5G NR Frequency Range WiFi HaLow Frequency Range	617-960MHz / 1690-2700MHz / 3300-4000Hz 902~928Mhz
4G 5G CBRS Avg Peak Gain: <i>Isotropic</i> WiFi HaLow Avg Peak Gain: <i>Isotropic</i>	10dBi / 12dBi / 12dBi 10dBi
Horizontal Half-Power Beamwidth (°)	75° / 60° / 60°
Vertical Half-Power Beamwidth (°)	50° / 50° / 40°
Isolation (dB)	≥20dB
VSWR	≤2.0 / ≤2.0 / ≤1.5
Polarization Radiation Pattern	Vertical Directional
Front to Back Ratio (dB)	≥15 / ≥18 / ≥20
Nominal Impedance	50Ω
Max. Power	50W
Mechanical / Environmental Specifications	
Application	Outside
Radome	UV Resistant ABS
Dimensions	Length 445mm (17.5") / Height 205mm (8") / Thickness 38mm (1.5")
Coax Cables	1ft AGA200 Coax Cables – N Female <i>Extension Cables Sold Separately</i> <i>All Standard Connector Ends Available (Including FAKRA)</i>
Connector Types	N Female
Mounting Hardware <i>(Stainless Steel)</i>	Includes Tilt-Bracket Mount Hardware <i>w/ 2 x U-Bolt Sets</i>
Mounting Mast Diameter	1.5"~2.0" / 38mm~51mm
Ingress Protection	IP67
Humidity	5%~95%
Wind Velocity	130 MPH
Operating Temp (°F)	-40° / +158° (°F)
Weight	2.2lbs / 1kg <i>Includes mounting hardware</i>



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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 M12-YAGI WiFi HaLow Configuration Options

M12-YAGI Series Directional Cellular Antenna w/ 1ft Coax Cables. Includes Tilt L-Bracket Mount Hardware
 "Built To Spec" Custom Extension Cable Options are Available. Contact us for details.





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M12-YAGI Directional Cellular 4G LTE CBRS 5G NR / WiFi HaLow
Dimensions / Tilt L-Bracket Mount

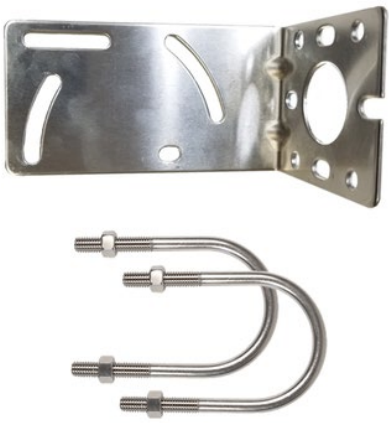
17.5" / 444.5mm

8.0"
203.2mm



1ft Coax Cable
N Female

Includes Tilt L-Bracket Mount



Mounting Pole
Not Included

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