

HyperGain® HG2414P

2.4 GHz 14 dBi Flat Patch Antenna

Directional Flat Patch Antenna

The HG2414P is a high performance directional flat patch antenna suitable for indoor and outdoor applications in the 2.4 GHz ISM band, including IEEE 802.11b/g and Bluetooth. This antenna is lightweight and features an aesthetic UV-stable white plastic radome. It can be installed for horizontal or vertical polarization. Can be wall or ceiling mounted, as well as mast-mounted using U-bolts.



Electrical Specifications

Frequency	2400-2500 MHz
Gain	14 dBi
Horizontal Beam Width	30 degrees
Vertical Beam Width	30 degrees
Impedance	50 Ohm
VSWR	< 1.5:1 avg.

Mechanical Specifications

Weight	.95 lbs. (.43 Kg)
Dimensions	8.5 x 8.5 x 1 (inches) 216 x 216 x 26 (mm)
Radome Material	UV-inhibited Polymer
Mounting	Four ¼ in. (.63 mm) Holes
Polarization	Horizontal or Vertical
Wind Survival	>150 MPH (241 KPH)

Available Connectors

This antenna features a 12 inch coax lead that can be terminated with any of the connectors listed in the table or drop-down menu below. Specify the desired connector by choosing the appropriate part number.

Standard Connectors

The following standard connectors are available from stock:

Connector Type	Part Number
N Female	HG2414P-NF

Special Order Connectors

This antenna is also available with any of the following connectors by special order at a nominal additional charge. If you do not see your connector listed please contact our sales department.

Connector Type	Part Number
N Male	HG2414P-NM
TNC Female	HG2414P-TF
TNC Male	HG2414P-TM
Reverse Polarity TNC Female	HG2414P-RTF
Reverse Polarity TNC Male	HG2414P-RTM
Reverse Polarity N Female	HG2414P-RNF
Reverse Polarity N Male	HG2414P-RNM
SMA Male	HG2414P-SM
Reverse Polarity SMA Female	HG2414P-RSF

Mounting Options

Hyperlink's patch antennas offer several unique mounting options. They can be mounted flat against a wall, or to a mast using a pair of 2 inch U-bolts. The antennas also accept most tilt-and-swivel security camera brackets equipped with standard 1/4-20 threads.



HGX-PMT02: Small Metal Tilt-and-Swivel Mounting Bracket for indoor wall mounting. Includes wall-mounting hardware.



HGX-PMT03: Medium Plastic Tilt-and-Swivel Mounting Bracket for indoor wall mounting. Includes wall-mounting hardware.



HGX-PMT04: Large Metal Tilt-and-Swivel Mounting Bracket for indoor and outdoor wall or mast mounting. Includes wall-mounting hardware.



HGX-UMOUNT: Universal Antenna Mount powder coated galvanized steel "DSS-style" arm for outdoor wall mounting. Requires a pair of 2 inch U-bolts (sold separately).



HGX-PMT06: 60 Degree Tilt-and-Swivel Mounting Kit for mast mounting. Includes stainless steel mounting hardware.

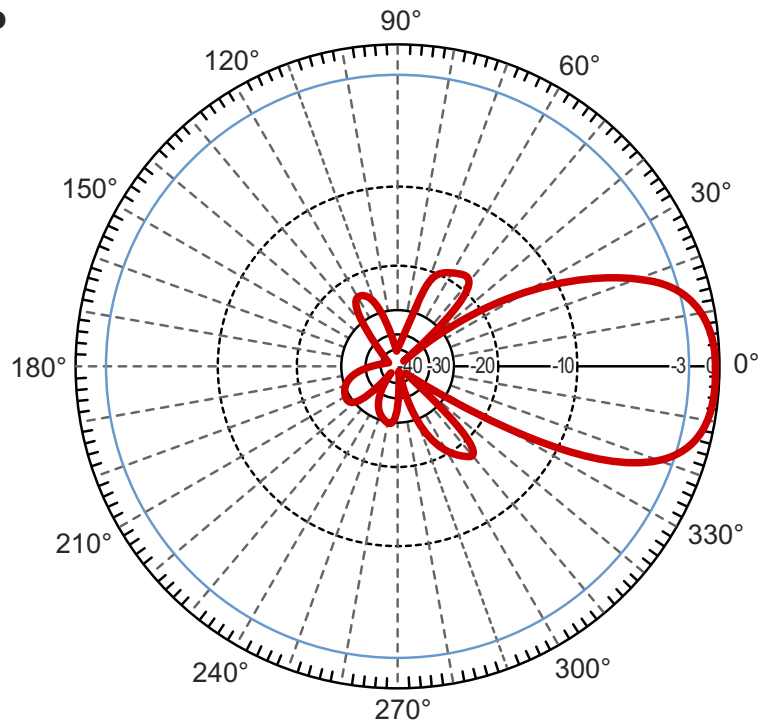


HGX-PMT07: Stationary Mounting Kit for mast mounting. Includes U-Bolts, nuts and mast clamp.

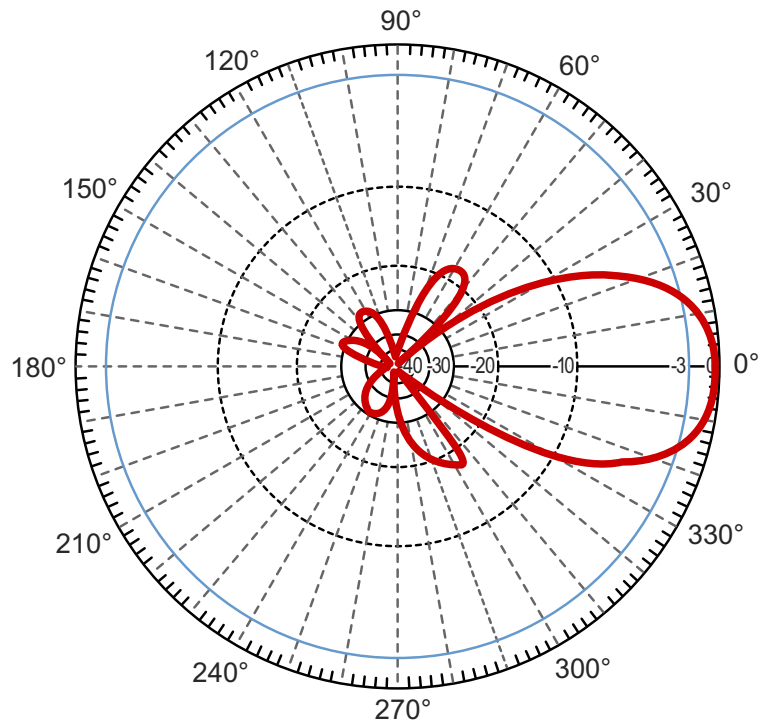


HGX-PMT08: Window Mounting Kit Includes suction cups and mounting hardware.

HG2414P



Vertical



Horizontal

Guaranteed Quality

All HyperGain® antennas are tested and backed by Hyperlink's Limited Warranty.

