

HyperLink Wireless 2.4 GHz 8 dBi Flat Patch Antenna Model: HG2409P

Applications

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g and 802.11n applications
- Bluetooth® & public wireless hotspot
- Wireless video systems
- WiFi applications

Features

- Compact size, 4.5 in. square
- Durable UV-stable, UL flame rated radome
- Low-loss solid brass element & DC Short lightning protecting
- 12 inch low-loss coax cable, optional pigtails and mounting brackets available
- Can be installed for either vertical or horizontal polarization



Description

This very compact flat patch Wi-Fi antenna provides 8 dBi gain with very broad coverage. It is suitable for both indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b and 802.11g, Bluetooth® and for public wireless hotspot applications. This WiFi antenna is lightweight and features an aesthetic UV-stable, UL flame rated white plastic radome which can also be painted to match the room or building structure. The HG2409P can be installed for horizontal or vertical polarization. It can be wall or ceiling mounted, as well as mast-mounted using U-bolts.

Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain	8 dBi
Horizontal Beam Width	75 Degrees
Vertical Beam Width	65 Degrees
Impedance	50 Ohm
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

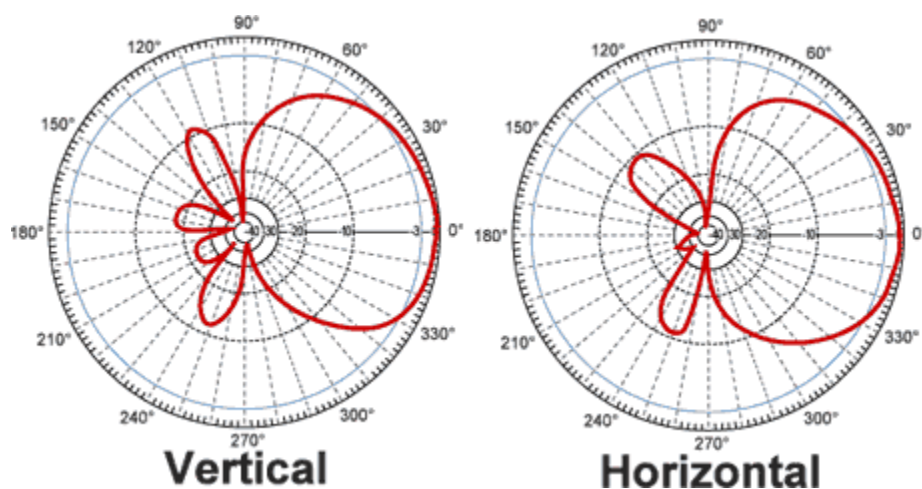
Mechanical Specifications

Weight	0.4 lbs. (0.18 kg)
Dimensions	4.5 x 4.5 x 0.9 in. (114 x 114 x 23 mm)
Radome Material	UV-inhibited Polymer
Flame Rating	UL 94HB
Mounting	(4) 0.26 Dia. Holes and (1) ¼-20 Tapped Hole
Polarization	Horizontal or Vertical
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Wind Survival	>150 MHP (241 KPH)
RoHS Compliant	Yes

Wind Loading Data










Wind Speed (MPH)	Loading (LBS)
100	5.0
125	7.0

RF Antenna Gain Patterns



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.

	Description	Part Number
	Small Metal Tilt-and-Swivel Mounting Bracket for indoor wall mounting. Includes wall-mounting hardware.	HGX-PMT02
	Medium Plastic Tilt-and-Swivel Mounting Bracket for indoor wall mounting. Includes wall-mounting hardware.	HGX-PMT03
	Large Metal Tilt-and-Swivel Mounting Bracket for indoor and outdoor wall or mast mounting. Includes wall-mounting hardware. Can be mast-mounted using U-Bolt Kit (sold separately).	HGX-PMT04
	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-UMOUNT
	Stationary Mounting Kit for mounting to 1-1/4" to 2" dia. masts. Includes U-Bolts, nuts and mast clamp.	HGX-PMT07
	60 Degree Tilt-and-Swivel Mounting Kit for mounting to 1-1/4" to 2" dia. masts. Mounting hardware included.	HGX-PMT06
	Ceiling/Wall Universal Antenna Mount can be used with 4.5" sq and 8.5" sq. patch antennas as well as N-Type bulkhead and TNC/BNC bulkhead omni directional antennas. Includes ceiling/wall mounting hardware.	HGX-UMOUNT02
	Universal Corner Mounting Bracket: This bracket is designed to mount to an outside corner of a structure..	HGX-UMOUNT04
	Window Mounting Kit Includes suction cups and mounting hardware.	HGX-PMT08