

## HyperLink Wireless 900 MHz 8 dBi Flat Patch Antenna Model: HG908P

### Applications

- 900 MHz ISM band
- Wireless LAN systems
- GSM, RFID and SCADA
- Wireless video links
- 900 MHz cellular

### Features

- Durable UV-stable, UL flame rated radome
- Light weight and only 8.5 inches square
- Low loss solid brass elements
- Can be installed for either vertical or horizontal polarization
- Optional mounting kits available



### Description

#### Only 8.5 inches square!

This high gain flat patch antenna provides 8 dBi gain with broad coverage. It is suitable for both indoor and outdoor wireless LAN and wireless video applications in the 900MHz ISM band, GSM, 900MHz cellular and RFID applications.

#### Rugged and Weatherproof

This antenna's construction features sealed internal elements and an aesthetic UV-stable, UL flame rated white plastic radome. Can be wall or mast mounted using U-bolts.

#### Custom Connectors

Custom Connectors are available for this antenna.

### Specifications

#### Electrical Specifications

<b>Frequency</b>	902-928 MHz
<b>Gain</b>	8 dBi
<b>Horizontal Beam Width</b>	75 Degrees
<b>Vertical Beam Width</b>	65 Degrees
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 1.5:1 avg.

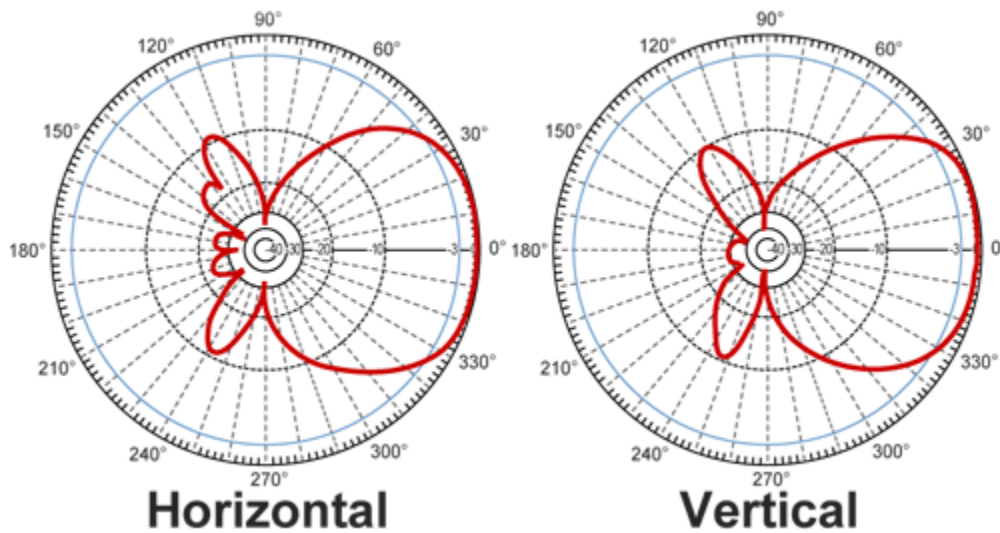
### Mechanical Specifications

<b>Weight</b>	< 1 lbs. (0.45 kg)
<b>Dimensions</b>	8.5 x 8.5 x 1.2 in (215.9 x 215.9 x 30.4 mm)
<b>Radome Material</b>	UV-inhibited Polymer
<b>Flame Rating</b>	UL 94HB
<b>Mounting</b>	Four ¼" Holes
<b>Polarization</b>	Horizontal or Vertical
<b>Operating Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Wind Survival</b>	>150 MPH
<b>RoHS Compliant</b>	Yes

### Wind Loading Data










Wind Speed (MPH)	Loading (lbs)
100	16
125	26

### 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