

## 900 MHz 8 dBi Flat Patch Antenna for ISM, GSM, RFID and Wireless LAN Systems

Model: HG908P

### Features

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#### Applications:

- 900MHz ISM Band
- Wireless LAN systems
- GSM
- RFID
- SCADA
- Wireless Video Links
- 900MHz Cellular

#### Features:

- Superior performance
- Light weight
- Durable UV-stable, UL flame rated radome
- Low loss solid brass elements
- DC Short lightning protection
- 12 inch coax lead
- Can be installed for either vertical or horizontal polarization
- Optional Mounting Kits available
- RoHS Compliant



### Product Description

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**Only 8.5 inches square!**

#### Superior Performance

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

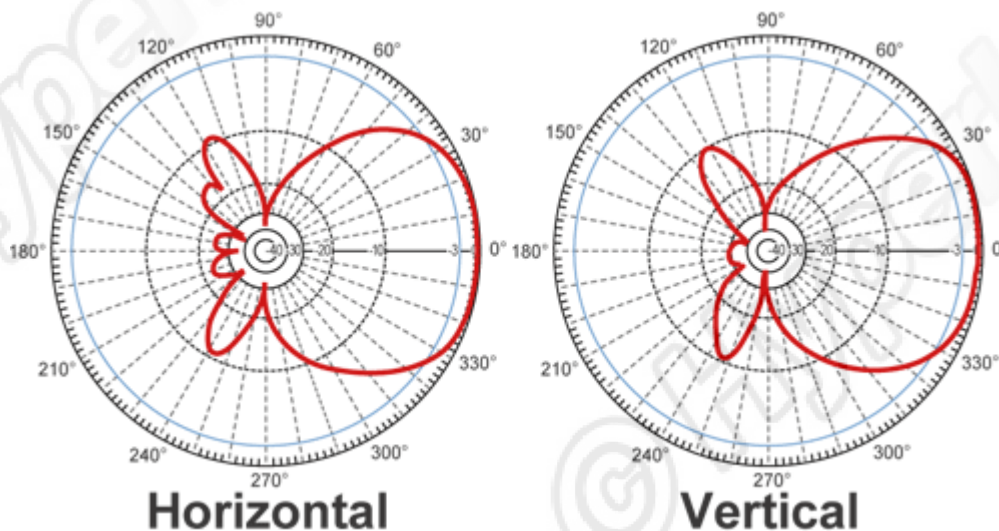
This antenna's construction features sealed internal elements and an aesthetic UV-stable, UL flame rated white plastic radome. Can be wall or mast mounted using U-bolts.

**Specifications**
**Electrical Specifications**

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










**Mechanical Specifications**

Weight	< 1 lb. (0.45 kg)
Dimensions	8.5" x 8.5" x 1.2" (0.22 x 0.22 x 0.03 mm)
Radome Material	UV-inhibited Polymer
Flame Rating	UL 94HB
Mounting	Four ¼" Holes
Polarization	Horizontal and Vertical
Operating Temperature	-40° C to to 85° C (-40° F to 185° F)
Wind Survival	>150 MPH
RoHS Compliant	Yes

**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.	<b>HGX-PMT02</b>
	Medium Plastic Tilt-and-Swivel Mounting Bracket for indoor wall mounting. Includes wall-mounting hardware.	<b>HGX-PMT03</b>
	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).	<b>HGX-PMT04</b>
	Universal Antenna Mount powder coated galvanized steel "DSS-style" arm for outdoor wall mounting. Requires a pair of 2 inch U-bolts (sold separately).	<b>HGX-UMOUNT</b>
	Stationary Mounting Kit for mounting to 1-1/4" to 2" dia. masts. Includes U-Bolts, nuts and mast clamp.	<b>HGX-PMT07</b>
	60 Degree Tilt-and-Swivel Mounting Kit for mounting to 1-1/4" to 2" dia. masts. Mounting hardware included.	<b>HGX-PMT06</b>
	Ceiling/Wall Universal Antenna Mount can be used with HyperLink's 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.	<b>HGX-UMOUNT02</b>
	Universal Corner Mounting Bracket: This bracket is designed to mount to an outside corner of a structure. It can be used with HyperLink's 4.5" and 8.5" sq. patch antennas, radome enclosed Yagi antennas, the HGX-PMT02 tilt & swivel bracket and can also accommodate the SC2402N and SC5802N 2-Way signal splitters as well as HyperAmp outdoor amplifiers.	<b>HGX-UMOUNT03</b>
	Window Mounting Kit Includes suction cups and mounting hardware.	<b>HGX-PMT08</b>