

## 5.8 GHz 8 dBi ISM / UNII Band Wireless LAN Flat Patch Antenna Model: HG5808P

### Applications and Features

- Applications:**
- 5.8GHz UNII applications
  - 5.8GHz ISM applications
  - 5.8GHz Wireless LAN systems
  - WiFi

- Features:**
- Superior performance
  - Light weight
  - All weather operation
  - Compact Size
  - 8 dBi gain
  - Durable UV-stable, UL flame rated radome
  - Low loss solid brass element
  - DC Short lightning protection
  - Integral SMA-Female Connector
  - Can be installed for either vertical or horizontal polarization
  - Optional Mounting Kits available



### Description

#### Superior Performance

This low cost and compact flat patch WiFi antenna is ideal for 5.8GHz UNII & ISM Band applications. The antenna measures 4.5" square and combines 8 dBi gain with broad coverage. It is suitable for both indoor and outdoor applications. This antenna can be oriented for either vertical or horizontal polarization.

#### Rugged and Weatherproof

Sealed internal elements and an aesthetic UV-stable, UL flame rated white plastic radome help ensure many years of trouble free operation. This antenna can be wall or ceiling mounted, as well as mast-mounted using U-bolts.

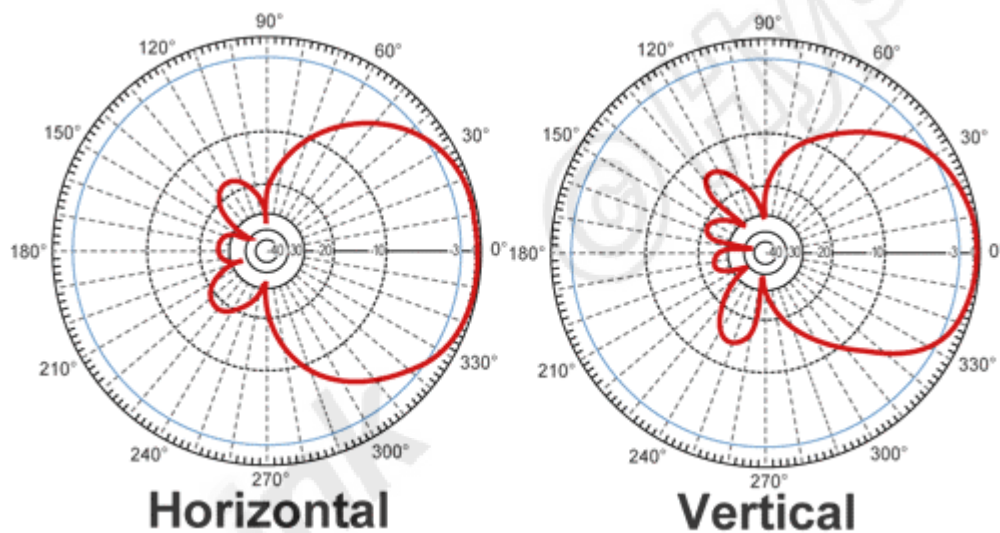
### Specifications

#### Electrical Specifications

<b>Frequency</b>	5725 - 5875 MHz
<b>Gain</b>	8 dBi
<b>Horizontal Beam Width</b>	75 degrees
<b>Vertical Beam Width</b>	60 degrees
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 1.5:1 avg.
<b>Connector</b>	Integral SMA-Female


**Mechanical Specifications**

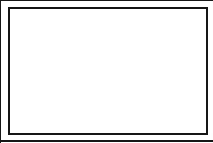

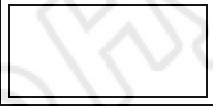
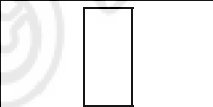
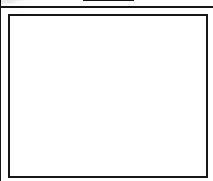


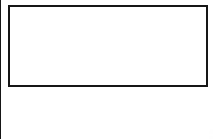

<b>Weight</b>	< 0.4 lbs.
<b>Dimensions</b>	4.5" x 4.5" x 1"
<b>Radome Material</b>	UV-inhibited Polymer
<b>Flame Rating</b>	UL 94HB
<b>Operating Temperature</b>	-40° C to to 85° C (-40° F to 185° F)
<b>Mounting</b>	Four ¼" Holes
<b>Polarization</b>	Horizontal and Vertical
<b>Wind Survival</b>	> 150 MPH

**RF Antenna Patterns**

**Guaranteed Quality**

This product is backed by Hyperlink's Limited Warranty.



## Mounting Options

	Description	Part Number
	<b>Small Metal Tilt-and-Swivel Mounting Bracket</b> for indoor wall mounting. Includes wall-mounting hardware.	<b>HGX-PMT02</b>
	<b>Medium Plastic Tilt-and-Swivel Mounting Bracket</b> for indoor wall mounting. Includes wall-mounting hardware.	<b>HGX-PMT03</b>
	<b>Large Metal Tilt-and-Swivel Mounting Bracket</b> 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>
	<b>Universal Antenna Mount</b> 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>
	<b>Stationary Mounting Kit</b> for mounting to 1-1/4" to 2" dia. masts. Includes U-Bolts, nuts and mast clamp.	<b>HGX-PMT07</b>
	<b>60 Degree Tilt-and-Swivel Mounting Kit</b> for mounting to 1-1/4" to 2" dia. masts. Mounting hardware included.	<b>HGX-PMT06</b>
	<b>Ceiling/Wall Universal Antenna Mount</b> 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>
	<b>Universal Corner Mounting Bracket:</b> 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>
	<b>Window Mounting Kit</b> Includes suction cups and mounting hardware.	<b>HGX-PMT08</b>