

HyperLink Wireless brand 5.8 GHz 11 dBi ISM/UNII Band Wireless LAN Flat Patch Antenna

Model: HG5811P

**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
  - 11 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 11 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**

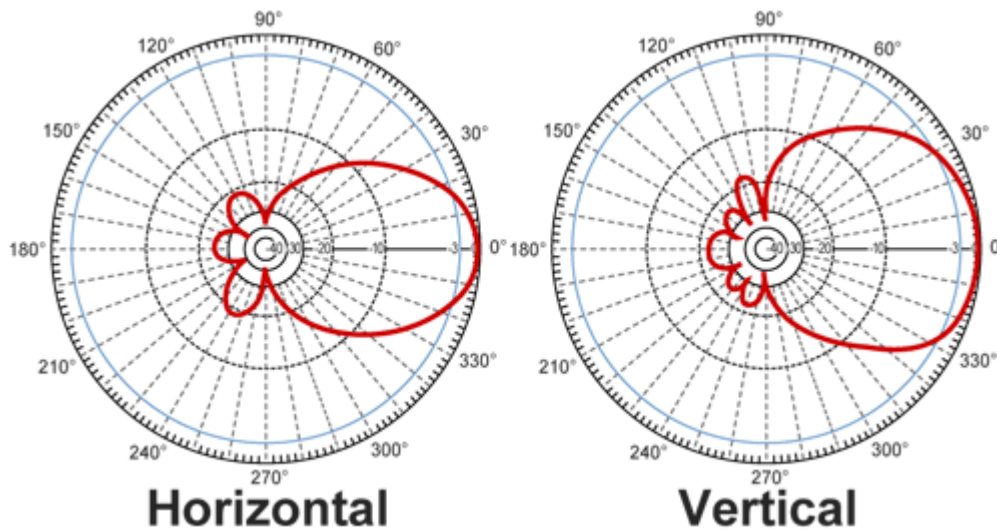
**Electrical Specifications**

<b>Frequency</b>	5725 - 5875 MHz
<b>Gain</b>	11 dBi
<b>Horizontal Beam Width</b>	30 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 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 L-com's Limited Warranty.

## Mounting Options

	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>