

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

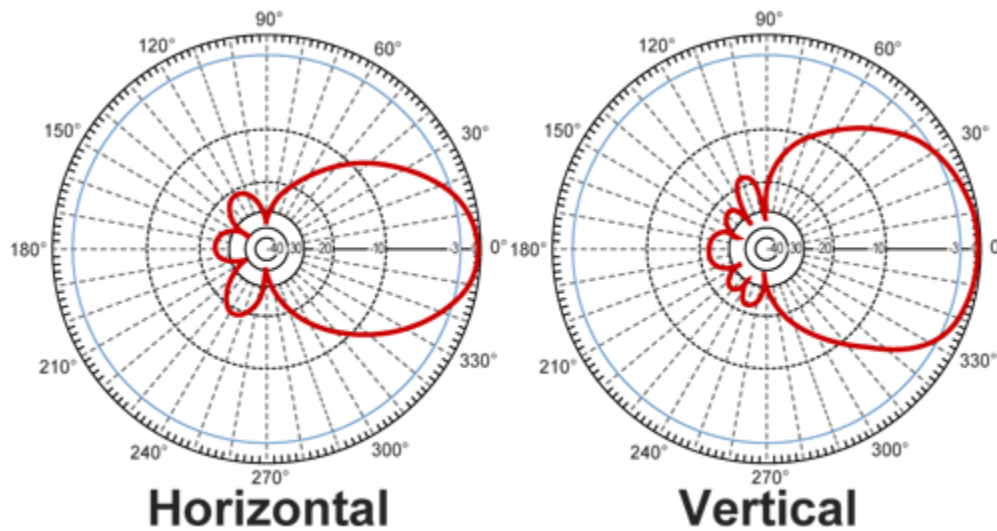
Electrical Specifications

Frequency	5725 - 5875 MHz
Gain	11 dBi
Horizontal Beam Width	30 degrees
Vertical Beam Width	60 degrees
Impedance	50 Ohm
VSWR	< 1.5:1 avg.
Connector	Integral SMA-Female

Mechanical Specifications

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






RF Antenna Patterns



Guaranteed Quality

This product is backed by L-com's Limited Warranty.

Mounting Options

	Description	Part Number
	<p>Small Metal Tilt-and-Swivel Mounting Bracket for indoor wall mounting. Includes wall-mounting hardware.</p>	<p>HGX-PMT02</p>
	<p>Medium Plastic Tilt-and-Swivel Mounting Bracket for indoor wall mounting. Includes wall-mounting hardware.</p>	<p>HGX-PMT03</p>
	<p>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).</p>	<p>HGX-PMT04</p>
	<p>Universal Antenna Mount powder coated galvanized steel "DSS-style" arm for outdoor wall mounting. Requires a pair of 2 inch U-bolts (sold separately).</p>	<p>HGX-UMOUNT</p>
	<p>Stationary Mounting Kit for mounting to 1-1/4" to 2" dia. masts. Includes U-Bolts, nuts and mast clamp.</p>	<p>HGX-PMT07</p>