

## HyperLink Wireless 5.8 GHz 19 dBi Flat Panel Antenna Model: HG5819P

### Features

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- Heavy duty UV-resistant all weather radome
- DC ground lightning protection
- Can be mounted for horizontal or vertical polarization
- N-female connector
- Includes tilt and swivel mast mount

### Applications

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- 5.8GHz UNII applications
- 5.8GHz ISM applications
- 5.8GHz Wireless LAN systems
- IEEE 802.11a WiFi applications
- 5.8 GHz Wireless Video Systems



### Description

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#### Superior Performance

The Hyperlink HG5819P flat panel antenna is designed to operate in the 5.8 GHz (5725-5850 MHz) frequency range. It is ideal for 5.8 GHz UNII and ISM band applications as well as IEEE 802.11a WiFi applications.

#### Rugged and Weatherproof

This aesthetically pleasing antenna features a heavy-duty UV-resistant plastic radome ideal for all-weather indoor and outdoor operation. It can be oriented for either vertical or horizontal polarizations. The HG5819P is supplied with a tilt and swivel mast mount kit. This allows quick installation at various degrees of up/down tilt for easy alignment.



**Specifications**

**Electrical Specifications**

Frequency Range	5725-5850 MHz
Gain	19 dBi
Polarization	Vertical or Horizontal
VSWR	<1.5:1 avg.
Horizontal Beam Width	16°
Vertical Beam Width	16°
Max. Input Power	200 Watts
Lightning Protection	DC Ground
Input Impedance	50 Ohm

**Mechanical Specifications**

Connector	N-Female
Radome Material	Gray ASA
Dimensions	12.40 x 12.40 x 0.98 in. (315 x 315 x 25mm)
Weight	3.5 lbs (1.6 kg including the bracket)
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Mounting Mast Size (Dia.)	0.75–2.00 in. (19-50 mm)
Rated Wind Velocity	130mph (210km/h)
RoHS Compliant	Yes

**Wind Loading Data**

Wind Speed (MPH)	Loading
100	54 lbs.
125	85 lbs.

**RF Antenna Patterns**

