

HyperLink Wireless brand 5.8 GHz 19 dBi ISM/UNII Band Wireless LAN Flat Patch Antenna

Model: HG5819P

Applications and Features

- Applications:**
- 5.8GHz UNII applications
 - 5.8GHz ISM applications
 - 5.8GHz Wireless LAN systems
 - WiFi
- Features:**
- 19 dBi
 - Light weight, compact size
 - All weather operation
 - Heavy-duty radome
 - DC Short lightning protection
 - Integral N-Female Connector
 - Can be installed for either vertical or horizontal polarization
 - Includes tilt and swivel mast mount
 - RoHS Compliant



Description

This heavy duty compact flat panel WiFi antenna is ideal for 5.8GHz UNII & ISM Band applications. The antenna measures 7.45" (189mm) square and combines 19 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.



This WiFi antenna features a heavy-duty UV-stable white fiberglass radome for all-weather operation. The HG5819P antenna is supplied with a tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment. It can be installed for vertical or horizontal polarization.

Specifications

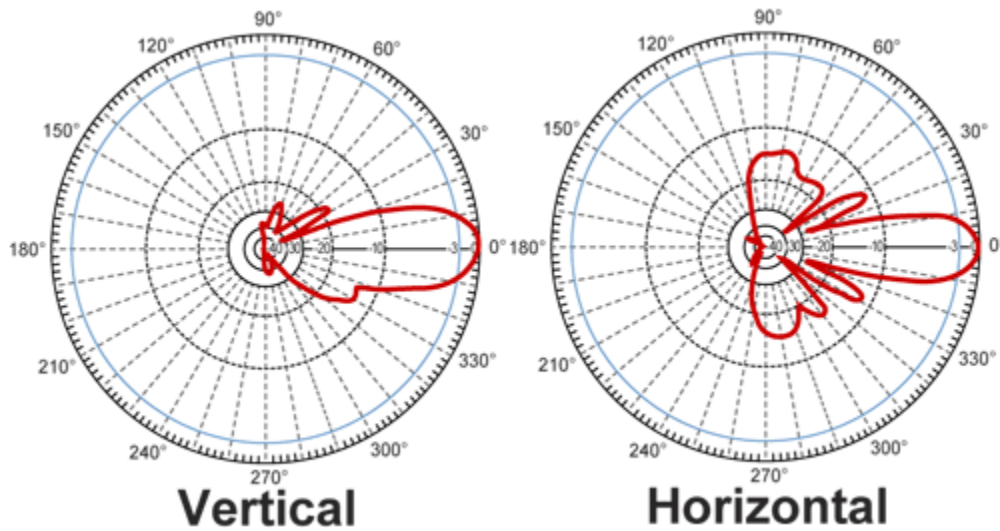
Electrical Specifications

Frequency	5725-5850 MHz
Gain	19 dBi
Horizontal Beam Width	16°
Vertical Beam Width	16°
Polarization	Vertical or Horizontal
Front to Back Ratio	>25 dB
Impedance	50 Ohm
Max. Input Power	200 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short
Connector	Integral N-Female

Mechanical Specifications

Weight	1.6 lbs. (0.72 Kg)
Dimensions	7.45 x 7.45 x 1.37 inches (189 x 189 x 35 mm)
Radome Material	UV-Stable Fiberglass
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes
Mounting	1.25 inch (32 mm) to 3 inch (75 mm) O.D. pipe max.
Rated Wind Velocity	130mph (210km/h)

RF Antenna Patterns



Guaranteed Quality

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