

HyperLink Wireless 1.9 GHz 8 dBi Flat Patch Antenna Model: HG1908P

Features

- Compact size, 4.5" Square
- Durable UV-stable, UL flame rated radome
- Low loss solid brass element
- 12 inch coax lead
- Can be installed for either vertical or horizontal polarization

Applications

- 1.9 GHz band applications
- PCS cellular radio applications



Description

This very compact 1.9GHz flat patch antenna provides 8 dBi gain with very broad coverage. It is suitable for both indoor and outdoor applications in the 1.9 GHz band. Typical applications include Personal Communication Services (PCS) cellular radio wireless applications where directional coverage and low visibility are desired. This antenna is lightweight and features an aesthetic UV-stable, UL flame rated white plastic radome which can also be painted to match the room or building structure. The HG1908P can be installed for horizontal or vertical polarization. It can be wall or ceiling mounted, as well as mast-mounted using U-bolts.

Specifications

Electrical Specifications

Frequency	1880 - 1990 MHz
Gain	8 dBi
Horizontal Beam Width	75 degrees
Vertical Beam Width	65 degrees
Impedance	50 Ohm
Max. Input Power	25 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

Mechanical Specifications

Weight	0.4 lbs. (.18 Kg)
Dimensions	4.5 x 4.5 x .9 inches (114 x 114 x 23 mm)
Radome Material	UV-inhibited Polymer
Flame Rating	UL 94HB
RoHS Compliant	Yes
Operating Temperature	-20° C to 60° C (-4° F to 140° F)
Mounting	Four ¼ in. (6.3 mm) Holes
Polarization	Horizontal or Vertical
Wind Survival	>150 MPH (241 KPH)

Wind Loading Data

Wind Speed (MPH)	Loading
100	5 lb.
125	7 lb.

Antenna Gain Patterns

HG1908P

