

## HyperLink Wireless 900 MHz 9 dBi Flat Panel Antenna Model: HG8909P

### Applications

- 900 MHz ISM and cellular band
- Wireless video links
- SCADA and RFID applications
- NLOS (near line of sight) applications

### Features

- Heavy duty all weather plastic radome
- Can be installed for vertical or horizontal polarization
- DC short protection
- Integral N-Female connector
- Includes tilt and swivel mast mount



### Description

The HyperLink HG8909P high performance antenna provides 9 dBi of gain with broad coverage. Suitable for both indoor and outdoor installations, the HG8909P is ideal for 900 MHz ISM band applications, 900 MHz cellular applications, SCADA and RFID applications.

The HG8909P features a heavy duty UV-stable plastic radome for all weather operation and a integral N-Female connector. The included tilt and swivel mast mount allows installation at various degrees of incline for easy alignment.



**Specifications**

**Electrical Specifications**

<b>Frequency</b>	824 – 960 MHz
<b>Gain</b>	9 dBi
<b>Horizontal Beam Width</b>	70°
<b>Vertical Beam Width</b>	60°
<b>VSWR</b>	<1.8:1 avg.
<b>Impedance</b>	50 Ohm
<b>Max. Input Power</b>	10 Watts
<b>Polarization</b>	Horizontal or Vertical
<b>Lightning Protection</b>	DC Ground

**Mechanical Specifications**

<b>Connector</b>	Integral N-Female
<b>Dimensions</b>	12.4 x 12.4 x 0.98 in. (315 x 315 x 25 mm)
<b>Radome Material</b>	Gray ASA
<b>Weight</b> (including bracket)	3.3 lbs. (1.5 kg)
<b>Mounting Mast Size</b> (Dia.)	0.75–2.00 in. (19-50 mm)
<b>Rated Wind Velocity</b>	130mph (210km/h)
<b>RoHS Compliant</b>	Yes

**Wind Loading Data**

<b>Wind Speed (MPH)</b>	<b>Loading</b>
100	54 lbs.
125	85 lbs.

**RF Antenna Patterns**

