

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

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

Mechanical Specifications

Connector	Integral N-Female
Dimensions	12.4 x 12.4 x 0.98 in. (315 x 315 x 25 mm)
Radome Material	Gray ASA
Weight (including bracket)	3.3 lbs. (1.5 kg)
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

