

## HyperLink Wireless Brand 5.8 GHz 9 dBi Omnidirectional Antenna Model: HG5809U-PRO

### Applications

- 5.8 GHz IEEE 802.11a applications
- 5.8 GHz UNII and ISM applications
- Wireless video systems
- Point to multipoint applications

### Features

- Superior performance
- Heavy duty industrial grade design
- Fiberglass radome
- All weather operation
- Integral N-Female connector



### Description

#### Professional Performance

The HyperLink Brand HG5809U-PRO is a professional high gain omni-directional base station Wi-Fi antenna designed and optimized for the 5.8 GHz ISM and UNII band. This antenna is ideally suited for multipoint applications where long range and wide coverage is desired.

#### Rugged and Weatherproof

The HG5809U-PRO construction features a heavy-duty fiberglass radome for durability and aesthetics. Designed to operate in the harshest of environments, the HG5809U-PRO far exceeds other omni-directional antennas. The included mounting system features heavy-duty mast clamps, allowing installation on masts from 1.8 inches (30 mm) up to 2.4 inches (60 mm) diameter. This antenna features an integral N-Female connector.



## Specifications

### Mechanical Specifications

Connector	Integral N-Female
Weight	2.02 lbs (0.92 kg) Including Bracket
Radome Material	Fiberglass
Radome Diameter	2.05 in. (52 mm)
Length	22 in. (560 mm)
Mounting Mast Size	1.8 - 2.4 in. (30-60 mm)

### Electrical Specifications

Frequency	5725-5850 MHz
Gain	9 dBi
Horizontal Beamwidth	360°
Vertical Beamwidth	10°
Polarization	Vertical
Impedance	50Ohm
Max. Input Power	100 Watts
VSWR	< 1.5
Lightning Protection	DC Short

### RF Antenna Patterns

