

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

### Applications

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

### Features

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



### Description

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#### Professional Performance

The HyperLink Brand HG5809U-PRO is a professional high gain Omni-directional base station WiFi 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**

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

**Electrical Specifications**

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

**RF Antenna Patterns**

