

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

