

HyperLink Wireless Brand 5.8 GHz 12 dBi 802.11a Professional Omnidirectional Antenna - Model: HG5812U-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 HG5812U-PRO is a professional high gain omnidirectional base station WiFi antenna designed and optimized for the 5.8GHz ISM and UNII band. This antenna is ideally suited for multipoint applications where long range and wide coverage is desired.

Rugged and Weatherproof

The HG5812U-PRO construction features a heavy-duty fiberglass radome for durability and aesthetics. Designed to operate in the harshest of environments, the HG5812U-PRO far exceeds other omnidirectional antennas. The included mounting system features twin heavy-duty mounting brackets and u-bolts for superior strength.



Specifications

Electrical Specifications

Frequency	5725-5850 MHz
Gain	12 dBi
Polarization	Vertical
Downtilt	0°
Vertical Beam Width	6°
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Input Power	150 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

Mechanical Specifications

Weight	1.5 lbs (0.7kg)
Length	29.4 in. (0.7 m)
Base Diameter	2.28 in. (57.9mm)
Radome Diameter	2.04 in. (51.8mm)
Radome Material	Fiberglass
Mounting	1.4 in. (35 mm) to 2.0 in. (50 mm) dia mast
Rated Wind Velocity	137 MPH/S (220Km/S)
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Connector	Integral N-Female
RoHS Compliant	Yes

RF Antenna Patterns

