

HyperLink Wireless Brand 2.4/ 5.8 GHz 9 dBi Dual Band Omni Antenna Model: HG2458-09U-PRO

Applications

- 2.4/5.8 GHz IEEE 802.11a/b/g applications
- 5.8 GHz UNII and ISM applications
- 2.4 GHz WiFi 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 HG2458-09U-PRO is a professional high gain dual band Omni-directional base station WiFi antenna designed and optimized for the 2.4 and 5.8 GHz frequency. This antenna is ideally suited for multipoint applications where long range and wide coverage is desired.

Rugged and Weatherproof

The HG2458-09U-PRO construction features a heavy-duty fiberglass radome for durability and aesthetics. Designed to operate in the harshest of environments, the HG2458-09U-PRO far exceeds other Omni-directional antennas. The included mounting system features twin heavy-duty mounting brackets and u-bolts for superior strength.



Specifications

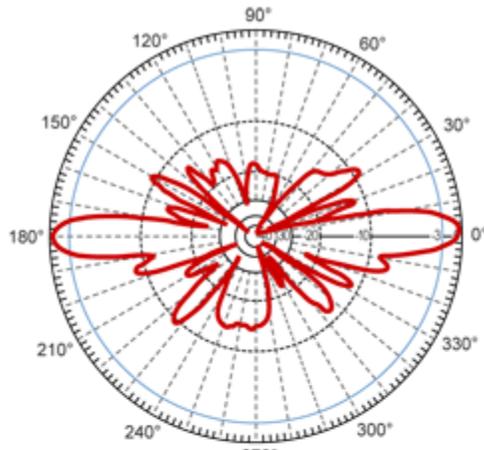
Electrical Specifications

Frequency Range	2400-2500 MHz 5725-5850 MHz
Gain	9 dBi
Polarization	Vertical
Down Tilt	0°
Vertical Beam Width	11° @ 2.4 GHz; 9° @ 5.8 GHz
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Input Power	100 Watts
VSWR	< 1.6:1 avg.
Lightning Protection	DC Short

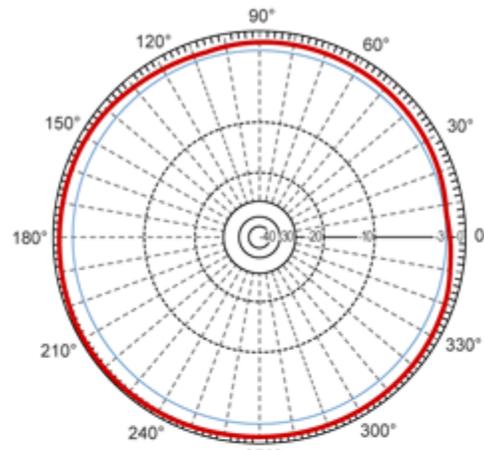
Mechanical Specifications

Weight	1.5 lbs (1.9kg) including bracket
Length	50.8 in. (1.29 m)
Radome Diameter	2.04 in. (51.8mm)
Radome Material	Fiberglass
Mounting	1.4 in. (35 mm) to 2.0 in. (50 mm) dia mast
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Connector	Integral N-Female
RoHS Compliant	Yes

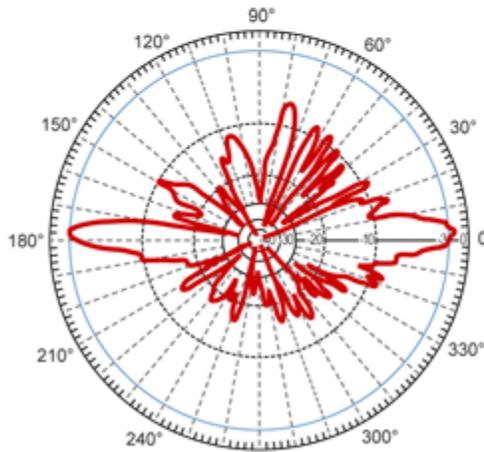
RF Antenna Patterns



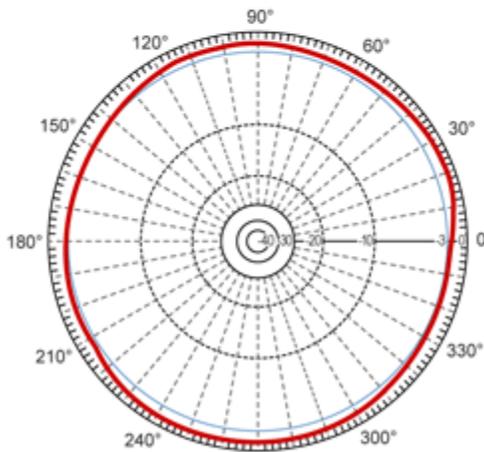
2.4 GHz Vertical



2.4 GHz Horizontal



5.8 GHz Vertical



5.8 GHz Horizontal