

HyperLink Wireless Brand 5.8 GHz 8 dBi Omnidirectional Antenna Model: HG5808U

Applications

- 5.8 GHz UNII and ISM applications
- 5.8 GHz Wireless LAN systems
- IEEE 802.11a
- Point to Multipoint applications

Features

- Heavy duty industrial design
- Fiberglass radome
- All weather operation
- Integral N-Female connector
- Includes mast mounting kit



Description

The HyperLink HG5808U is a very compact yet high performance omnidirectional WiFi antenna designed for the 5.8GHz ISM and UNII band. It is ideally suited for multipoint and mobile applications where high gain and wide coverage is desired.

Rugged and Weatherproof

The HG5808U construction features a fiberglass radome for durability and aesthetics. Included with the antenna, the mast mounting system features a heavy-duty steel bracket and U-Bolt for superior strength.

Specifications

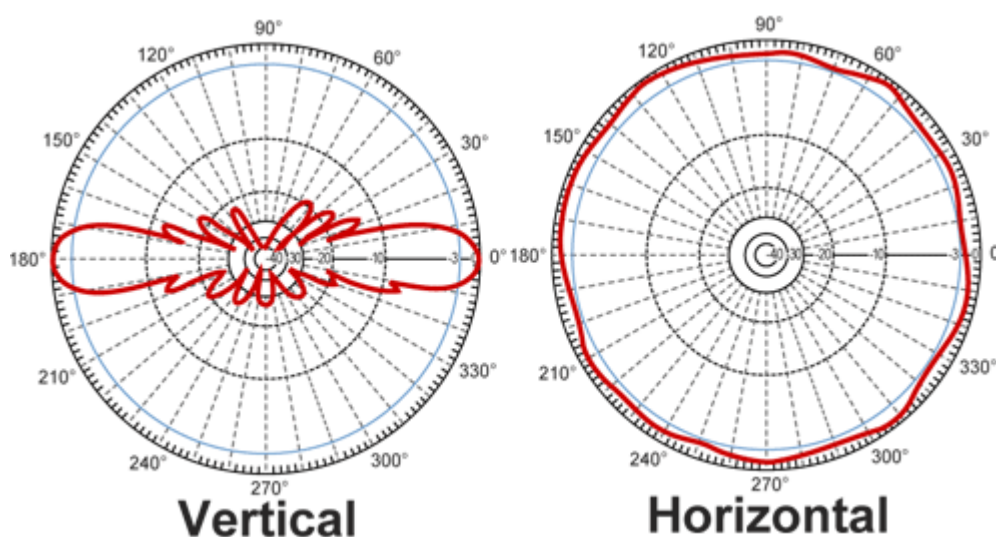
Electrical Specifications

Frequency	5725 – 5850 MHz
Gain	8 dBi
Horizontal Beam Width	360°
Vertical Beam Width	16°
Max. Input Power	100 Watts
Impedance	50 Ohms
VSWR	<1.5:1 avg
Lightning Protection	DC Short


Mechanical Specifications

Connector	N-Female
Radome Material	Grey Color Fiberglass
Radome Diameter	0.78 in. (20mm)
Length	13.7 in. (350 mm)
Weight	0.44 lbs. (0.2 kg)
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes

RF Antenna Patterns



Mounting Options

Description		Part Number
	Ceiling/Wall Universal Antenna Mount can be used with HyperLink's 4.5" sq and 8.5" sq. patch antennas as well as N-Type bulkhead and TNC/BNC bulkhead omni directional antennas. Includes ceiling/wall mounting hardware.	HGX-UMOUNT02