



## 5.8 GHz 8 dBi ISM / UNII Band Omnidirectional Wireless LAN Antenna - Model: HG5808U

### Applications and Features

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- Applications:**
- 5.8GHz UNII applications
  - 5.8GHz ISM applications
  - 5.8GHz Wireless LAN systems
  - WiFi
  - Multipoint Applications
- Features:**
- Superior performance
  - Heavy duty industrial grade design
  - Fiberglass radome
  - All weather operation
  - Integral N-Female Connector
  - Supplied with mast mounting kit



### Features

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#### Performance

The HyperGain® 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 mounting system features a heavy-duty steel bracket and U-Bolt for superior strength.

### Specifications

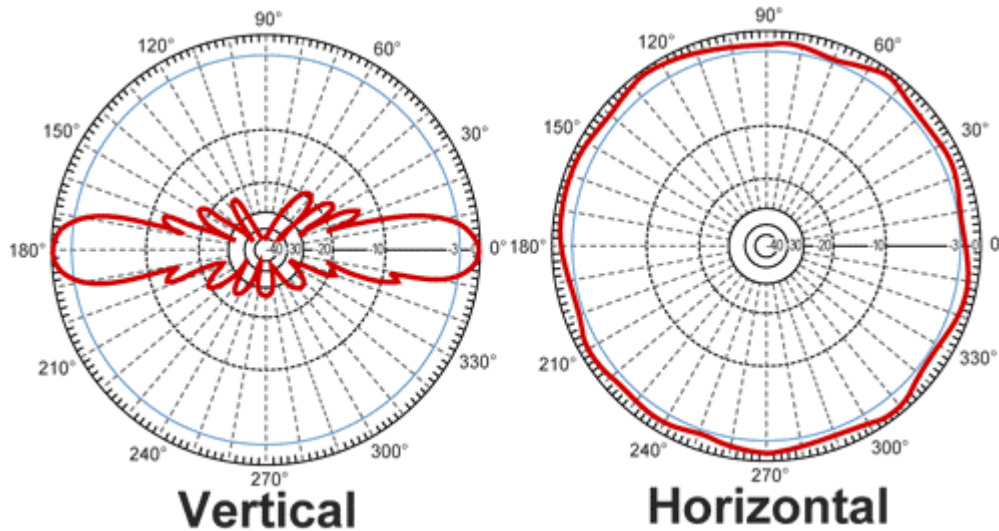
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#### Electrical Specifications

<b>Frequency</b>	5725-5850 MHz
<b>Gain</b>	8 dBi
<b>Horizontal Beam Width</b>	360°
<b>Vertical Beam Width</b>	16°
<b>Impedance</b>	50 Ohm
<b>Max. Input Power</b>	100 Watts
<b>VSWR</b>	< 1.5:1 avg.
<b>Connector</b>	N Female



**Mechanical Specifications**

<b>Weight</b>	.44 lbs. (0.2 kg)
<b>Dimensions</b>	.78" (20 mm) Dia. x 13.7" (350 mm)
<b>Radome Material</b>	Gray Fiberglass
<b>Operating Temperature</b>	-40° C to to 85° C (-40° F to 185° F)
<b>Mounting</b>	2" (50.8 mm) dia. mast max.

**RF Antenna Patterns**

**Guaranteed Quality**

This product is backed by Hyperlink's Limited Warranty

**Mounting Options**

	Description	Part Number
	<b>Ceiling/Wall Universal Antenna Mount</b> 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.	<b>HGX-UMOUNT02</b>