

## HyperLink Wireless Brand 2.4 GHz / 5.7-5.9 GHz Multi-Band Dual Element Indoor Panel Antenna

Model: HG2458-8DS

### Applications

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- 802.11a/b/g/n Access Point and Routers
- MIMO radio applications
- WiFi systems
- Wide angle coverage applications

### Features

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- Dual band: 2.4 GHz and 5.725 GHz to 5.875 GHz
- Two independent dual band antennas
- Vertically polarized
- Dual 12 inch coax leads with multiple connector options
- Wall mounting hardware included



### Description

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The HyperLink HG2458-8DS is a high performance Patch antenna consisting of two independent dual-band, vertically polarized antennas in a single housing. The unit is for 802.11a/b/g/n and MIMO applications. The unit has high gain with an 80° beam-width. Its dual-band design makes it suitable for applications in the 2.4GHz (2400-2500 MHz) and 5 GHz (5725-5875 MHz) band which and eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a number of wireless applications.

Each internal antenna is fed via its own individual connector. This antenna features an injection molded radome for crisp, clean appearance in all indoor operations. The mounting system is simple and straight forward and allows installation adjusts for best area coverage. Horizontal coverage is a full 80° plus degrees.



**Specifications**

**Electrical Specifications**

Frequency Range	2400 - 2500 MHz / 5725 - 5875 MHz
Gain	8 dBi
Polarization	Vertical
Horizontal Beam Width	80°
Vertical Beam Width	30°
Impedance	50 Ohm
VSWR	≤ 1.5:1
Front to Back Ratio	≥ 20 dB
Max. Input Power	100 Watts
Lightning Protection	DC Ground

**Mechanical Specifications**

Connectors	(2) N-Female, (2) 12-inch Cables
Weight	1.1 lbs. (0.5 kg)
Dimensions	8.2 x 7 x 1.8 in (208 x 178 x 45 mm)
Radome Material	UV-inhibited ABS White-Indoor Use
Mounting	Wall Mounted
Operating Temperature	-40° C to 60° C (-40° F to 140° F)
Rated Wind	Indoor Use Only
RoHS Compliant	Yes

**Connector Options**

ANTENNA MODEL	CONNECTOR OPTION/CABLE LENGTH
HG2458-8DS-NF	N-Female with two 12 inch Cables
HG2458-8DS-NM	N-Male with two 12 inch Cables
HG2458-8DS-RSP	RP-SMA Plug with two 12 inch Cables
HG2458-8DS-RTP	RP-TNC Plug with two 12 inch Cables
HG2458-8DS-XX	Custom Cable and Connector Options

**Antenna Gain Patterns**

