

## HyperLink Wireless 2.4/5.8 GHz 5 dBi Dipole Antenna w/ Wide Horizontal Beam Width (135°) - Model: HG2458-5P-135

### Applications

- IEEE 802.11a/b/g/n Wireless LAN
- Wireless access points and routers
- Public Wireless Hotspot applications

### Features

- 2.4 and 5 GHz individual dipole elements
- Wide angle coverage
- Durable UV-stable white ABS radome
- Multiple connector and cable options
- Can be installed for either vertical or horizontal polarization



### Description

#### Superior Performance

The HyperLink HG2458-5P-135 WiFi antenna features two separate 2.4 GHz and 5.8 GHz 5 dBi dipole antennas in a single package. Each of the internal antennas are connected to individual coaxial cables, one for 2.4 GHz and the other for 5.8 GHz. The unit has a broad horizontal beamwidth of 135 degrees for improved coverage in large areas. The unit is designed for use with 802.11a/b/g/n Access Points and Routers. It is ideally suited for office, public hotspot, industrial or warehouse use. The antenna is lightweight and features an aesthetic UV-stable, white ABS UL Flame Rated radome. The HG2458-5P-135 can be installed for horizontal or vertical polarization.

Designed for indoor operations, the HG2458-5P-135 features a compact radome permitting mounting in many areas where space is at a premium for the antenna. This allows the antenna to be positioned for optimal performance. The HG2458-5P-135 can be mounted to walls, system racks and panels, metal panels and other structures using standard hardware.

#### Cable / Connector Options

ANTENNA MODEL	CONNECTOR OPTION/CABLE LENGTH
HG2458-5P-135-NF	N-Female with two 4 foot 195 Series Cables
HG2458-5P-135-NM	N-Male with two 4 foot 195 Series Cables
HG2458-5P-135-RSP	RP SMA Plug with two 4 foot 195 Series Cables
HG2458-5P-135-RTP	RP TNC Plug with two 4 foot 195 Series Cables
HG2458-5P-135-XXX	Custom Cable and Connector Options

**Specifications**

**Electrical Specifications**

<b>Frequency</b>	2400-2500 MHz 5725-5875 MHz
<b>Gain ( dBi )</b>	5 dBi
<b>Polarization</b>	Vertical or Horizontal
<b>Vertical Beamwidth</b>	34°
<b>Horizontal Beamwidth</b>	135°
<b>Max. Input Power</b>	25W
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	1.5:1
<b>Lightning Protection</b>	DC Ground

**Mechanical Specifications**

<b>Output Connector</b>	To Be Specified by Customer
<b>Mounting</b>	Four (4) direct mount screw holes
<b>Radome</b>	UV-Inhibited ABS, UL Flame Rated
<b>Operating Temperature</b>	-40° C to 55° C (-40° F to 131° F)
<b>Dimensions</b>	3.2 x 6.2 x 2.2 in. (81.3 x 157.5 x 55.9 mm)
<b>Weight - Antenna</b>	0.25 lbs. (0.15 Kg)
<b>Rated Wind Velocity</b>	150MPH/h (241Km/h)
<b>RoHS Compliant</b>	Yes

**Antenna Gain Patterns**

