

## HyperLink Wireless Brand 2.4 GHz 5 dBi Spatial Diversity Dipole Antenna with Wide Horizontal Beam Width (135°) - Model: HG2405SD-135

### Applications

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- 2.4 GHz ISM band
- IEEE 802.11b/g/n Wireless LAN
- MIMO Wireless LAN
- Access points and routers with diversity
- Public Wireless Hotspot applications

### Features

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- Dual spatially separated Dipole antennas
- Wide angle coverage
- Durable UV-stable white ABS radome
- Multiple connector and cable options
- Can be installed for either vertical or horizontal polarization



### Description

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#### Superior Performance

The HyperLink HG2405SD-135 2.4 GHz WiFi antenna features two independent 5 dBi Dipole antennas in a single package. The antenna has a broad horizontal beam width of 135 degrees for improved coverage in large areas. The unit is designed for use with Access Points and Routers with dual antenna ports for MIMO/n or diversity modes of operation. It is ideally suited for office, public hotspot, industrial or warehouse use. The HG2405SD-135 has great appeal for office, health facilities, educational settings, industrial sites, and retail complexes, all where broad area coverage is demanded. The HG2405SD-135 can be installed for horizontal or vertical polarization.

The antenna is lightweight and features an aesthetic UV-stable, white ABS UL Flame Rated radome. Designed for indoor operations, the HG2405SD-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 HG2405SD-135 can be mounted to walls, ceilings, system racks and panels and other structures using standard hardware. The cables can be hidden in a wall via the cutout in the mounting plate. As with many L-com antennas, custom versions of the antenna are available. The user can specify cable length and connector type.

**Specifications**

**Electrical Specifications**

<b>Frequency</b>	2400-2500 MHz
<b>Gain ( dBi )</b>	5 dBi
<b>Polarization</b>	Vertical or Horizontal
<b>Vertical Beamwidth</b>	55°
<b>Horizontal Beamwidth</b>	135°
<b>Max. Input Power</b>	10W
<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>	-20° C to 60° C (-4° F to 140° 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>RoHS Compliant</b>	Yes

**Cable / Connector Options**

<b>ANTENNA MODEL</b>	<b>CONNECTOR OPTION/CABLE LENGTH</b>
HG2405SD-135-NF	N-Female with two 12 inch 195 Series Cables
HG2405SD-135-NM	N-Male with two 4 foot 195 Series Cables
HG2405SD-135-RSP	RP SMA Plug with two 4 foot 195 Series Cables
HG2405SD-135-RTP	RP TNC Plug with two 4 foot 195 Series Cables
HG2405SD-135-XXX	Custom Cable and Connector Options

**Antenna Gain Patterns**

