

## HyperLink Wireless Brand 2.4 GHz 5 dBi Wide Horizontal Beam Width (135°) Panel Antenna - Model: HG2405P-135

### Applications

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- 2.4 GHz ISM band
- IEEE 802.11b/g/n Wireless LAN
- WiFi applications
- Public Wireless Hotspot applications

### Features

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- Wide angle coverage
- Compact size
- 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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The HyperLink HG2405SD-135 2.4 GHz WiFi antenna provides 5 dBi Gain with broad horizontal beam width of 135 degrees. It is ideally suited for applications requiring wide horizontal coverage of a wide area like an office, public hotspot, Industrial or warehouse use. This antenna is lightweight and features an aesthetic UV-stable, white ABS UL Flame Rated radome and can also be painted to match the room or building structure. The HG2405P-135 can be installed for horizontal or vertical polarization. This is a versatile, adaptive antenna package with many application possibilities for the System Designer.

Designed for indoor operations, the HG2405P-135 features a compact radome permitting mounting in many areas where space is at a premium for the antenna. The HG2405P-135 can be mounted to walls, system racks and panels, metal panels and other structures using standard hardware.

The HG2405P-135 has great appeal for office, health facilities, educational settings, industrial sites, and retail complexes, all where broad area coverage is demanded. This antenna offers the Systems Designer an alternative to wall mounting Omni-directional antennas thus eliminating many multi-path issues for the system. Antennas can be co-located near each other to provide further saturation coverage of an area, important in RFID applications. Corner positioning can give the system a full 270° of coverage, with little concern for multi-path issues.

**Specifications**

**Electrical Specifications**

Frequency	2400-2500 MHz
Gain ( dBi )	5 dBi
Polarization	Vertical or Horizontal
Vertical Beamwidth	55°
Horizontal Beamwidth	135°
Max. Input Power	10W
Impedance	50 Ohms
VSWR	1.5:1
Lightning Protection	DC Ground

**Mechanical Specifications**

Output Connector	To Be Specified by Customer
Mounting	Four (4) direct mount screw holes
Radome	UV-Inhibited ABS, UL Flame Rated
Operating Temperature	-40° C to 55° C (-40° F to 131° F)
Dimensions	3.2 x 6.2 x 2.2 in. (81.3 x 157.5 x 55.9 mm)
Weight - Antenna	0.2 lbs. (0.12 Kg)
RoHS Compliant	Yes

**Mechanical Specifications**

ANTENNA MODEL	CONNECTOR OPTION/CABLE LENGTH
HG2405P-135-NF	N-Female with 12 inch 195 Series Cable
HG2405P-135-NM	N-Male with 4 foot 195 Series Cable
HG2405P-135-RSP	RP SMA Plug with 4 foot 195 Series Cable
HG2405P-135-RTP	RP TNC Plug with 4 foot 195 Series Cable
HG2405P-135-XXX	Custom Cable and Connector Option

**Antenna Gain Patterns**

