

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

Frequency	2400-2500 MHz 5725-5875 MHz
Gain (dBi)	5 dBi
Polarization	Vertical or Horizontal
Vertical Beamwidth	34°
Horizontal Beamwidth	135°
Max. Input Power	25W
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	-20° C to 60° C (-4° F to 140° F)
Dimensions	3.2 x 6.2 x 2.2 in. (81.3 x 157.5 x 55.9 mm)
Weight - Antenna	0.25 lbs. (0.15 Kg)
Rated Wind Velocity	150MPH/h (241Km/h)
RoHS Compliant	Yes

Antenna Gain Patterns

