

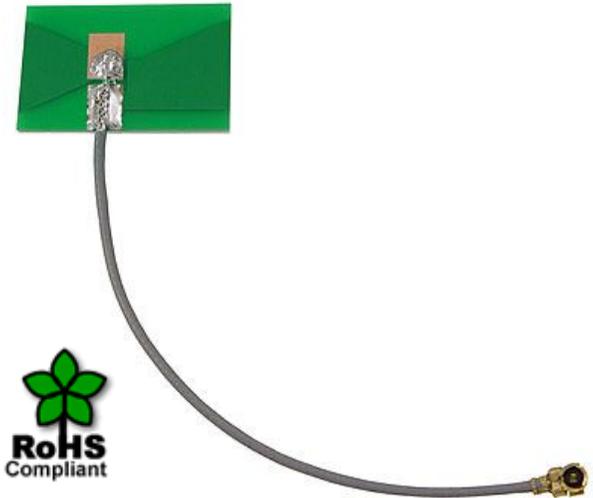
## HyperLink Wireless Embedded 5 GHz Omni-Directional PCB Antenna Model: HG4958-05PU-UFL

### Applications

- Integrate into self contained wireless equipment
- Embedded applications requiring integration flexibility
- 4.9/5.1/5.3/5.8 GHz band applications
- IEEE 802.11a WiFi systems and Bluetooth devices
- Homeland Security and Public Safety band

### Features

- Highly efficient printed circuit board (PCB) design
- Designed for Omni-directional applications
- Dual frequency 2.4/5.8 GHz
- Low profile, very compact size
- U.FL/IPX connector (custom connector options and cable lengths available)



### Description

The HyperLink HG4958-05PU is a wide band 4.9-5.8 GHz Omni-directional antenna designed to directly integrate into devices requiring wireless capability. By embedding these antennas directly into a device, the need for external antennas is eliminated. The Omni-directional design of the HG4958-05PU makes it ideal for multipoint and mobile wireless systems since it provides 360° of coverage.

In addition to our standard embedded antennas, L-com engineering can also custom design antennas for the customer's specific applications.

### Specifications

#### Mechanical Specifications

<b>Connector</b>	U.FL/IPX*
<b>Antenna Lead</b>	1.13mm coax
<b>Antenna Lead Length</b>	3.38 in (85.7mm)
<b>Dimensions</b>	0.69 x 0.38 x 0.03 in (17.5 x 9.8 x 0.8mm)
<b>Weight</b>	0.01kg
*Custom connectors and lead lengths are available. Please contact L-com sales for more information	

#### Electrical Specifications

<b>Frequency Range</b>	4900-5900 MHz
<b>Gain</b>	4.5 dBi
<b>Polarization</b>	Horizontal
<b>Horizontal / Vertical Beam Width</b>	360° / 55°
<b>VSWR</b>	≤ 3.0