

## HyperLink Wireless 5.3 GHz 10 dBi Omni-directional Antenna Model: HG5310U

### Applications

- 5.3 GHz band applications
- IEEE 802.11a Wireless LAN
- WiFi
- Multipoint and mobile applications
- Wireless video systems

### Features

- Lightweight fiberglass radome
- All weather operation
- Heavy duty mounting system
- Integral N-Female connector



### Description

The HyperLink HG5310U is a compact yet high performance Omni-directional WiFi antenna which is designed to increase the range and coverage area of IEEE 802.11a wireless LAN equipment for the 5.3GHz band. With 10 dBi of gain, it is ideally suited for multipoint and mobile applications where high gain and wide coverage is desired.

The HG5310U construction features a fiberglass radome for durability and aesthetics. Included with this Omni antenna, the mounting system features a heavy-duty steel bracket and U-Bolt for superior strength.

### Specifications

#### Electrical Specifications

<b>Frequency</b>	5150-5350 MHz
<b>Gain</b>	10 dBi
<b>Horizontal Beam Width</b>	360°
<b>Vertical Beam Width</b>	10°
<b>Impedance</b>	50 Ohm
<b>Max. Input Power</b>	100 Watts
<b>VSWR</b>	< 1.5:1 Avg.

#### Mechanical Specifications

<b>Connector</b>	N-Female
<b>Weight</b>	.77 lbs. (0.35 kg)
<b>Dimensions (Length x Dia)</b>	23.7 x 0.9 inch (602 x 24 mm)
<b>Radome Material</b>	Gray Fiberglass
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Mounting</b>	2.0 inch (50.8mm) Dia. Mast Max.
<b>RoHS Compliant</b>	Yes

**RF Antenna Patterns**

