

## HyperLink 4.9 / 5.8 GHz 22dBi High Performance Lightweight Die Cast Reflector Grid Antenna Model: HG4958-22EG

### Features

- Superior Performance
- UV Stable Light Gray Powder Coat Finish
- All Weather Operation
- Point to Point, Point to Multi-point Systems
- Wireless Bridges and Backhaul Applications



### Applications

- 5.1/5.3/5.4/5.8 GHz ISM and UNII Band Applications
- Homeland Security
- 4.9GHz Public Safety Services: Fire, Police, Security
- Point to Point, Point to Multi-point Systems
- Wireless Bridges and Backhaul Applications

### Description

#### Superior Performance

The HyperGain HG4958-22EG High-Performance Reflector Grid Wi-Fi Antenna is ideal for long-range highly directional 5.1/5.3/5.4/5.8 GHz ISM and UNII band applications. These antennas are ideal for point to point systems, point to multi-point and wireless bridges. Its compact design makes it nearly invisible in most installations, and it can be installed for either vertical or horizontal polarization.

#### Rugged and Weatherproof

The antennas' construction features a rust-proof cast aluminum reflector grid for superior strength and light weight. The 2-piece reflector grid is simple to assemble and significantly reduces shipping costs. The grid surface is UV powder coated for durability and aesthetics. The open-frame grid design minimizes wind loading.

This antenna is supplied with a 60 degree tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment. They can be adjusted up or down from 0° to 60°.



**Vertical or Horizontal Polarization**



**Tilt & Swivel Mast Mount**

**Specifications**

**Mechanical Specifications**

<b>Connector</b>	N Female
<b>Weight</b>	2.51lbs (1.14kg)
<b>Grid Dimensions</b>	11.81" x 15.75" (400mm x 600mm)
<b>Mounting Mast Diameter</b>	1.58" x 1.97" (40-50MM)

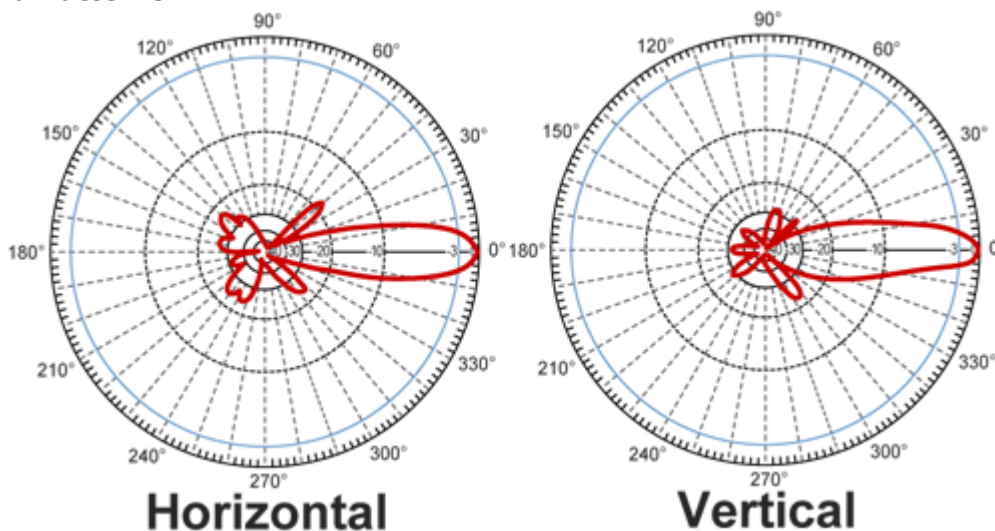
**Electrical Specifications**

<b>Frequency</b>	4900-5850
<b>Gain</b>	22dBi
<b>Horizontal Beamwidth</b>	10°
<b>Vertical Beamwidth</b>	12°
<b>Polarization</b>	Vertical or Horizontal
<b>Impedance</b>	50Ohm
<b>F/B Ratio</b>	25dB
<b>Max. Input Power</b>	100 Watts
<b>VSWR</b>	< 1.5
<b>Lightning Protection</b>	DC Short

**Wind Loading Data**

<b>Wind Speed (MPH)</b>	<b>Loading</b>
<b>100</b>	<b>10.0 lb.</b>
<b>120</b>	<b>15.6 lb.</b>

**RF Antenna Patterns**



**Guaranteed Quality**

This product is backed by L-Com's Limited Warranty