

## HyperLink Wireless 2.4 GHz 18 dBi Flat Panel Antenna Model: HG2418P

### Applications

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- 2.4 GHz Indoor/Outdoor Wireless LAN systems
- Supports IEEE 802.11b/g/n applications
- WiFi and 2.4 GHz wireless video systems
- Public wireless hotspots
- Subscriber sites and CPE applications

### Features

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- Heavy duty all weather radome
- DC ground lightning protection
- Can be mounted for horizontal or vertical polarization
- N-female connector
- Includes tilt and swivel mast mount



### Description

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#### Superior Performance

The HyperLink HG2418P is a heavy duty high performance directional flat panel antenna suitable for indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b, 802.11g and 802.11n.

#### Rugged and Weatherproof

This flat panel antenna features a heavy-duty UV-stable plastic radome for all-weather operation. The HG2418P antenna is supplied with a tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment. It can be installed for vertical or horizontal polarization.



**Specifications**

**Electrical Specifications**

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	18 dBi
<b>Horizontal Beam Width</b>	21°
<b>Vertical Beam Width</b>	22°
<b>Polarization</b>	Vertical or Horizontal
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 1.5:1 avg.
<b>Max. Input Power</b>	10 Watts
<b>Lightning Protection</b>	DC Ground

**Mechanical Specifications**

<b>Connector</b>	(1) N-Female
<b>Weight</b> (Including Bracket)	3.3 lbs. (1.5 kg)
<b>Dimensions</b>	12.4 x 12.4 x 1 in. (315 x 315 x 25.4 mm)
<b>Radome Material</b>	Gray ASA
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Mounting Mast Size</b> (Dia.)	0.75-2.00 in. (19-50 mm)
<b>Rated Wind Velocity</b>	130mph (210km/h)
<b>RoHS Compliant</b>	Yes

**Wind Loading Data**

<b>Wind Speed (MPH)</b>	<b>Loading</b>
100	54 lbs.
125	85 lbs.

**RF Antenna Patterns**

