

## 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**

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

**Mechanical Specifications**

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

**Wind Loading Data**

Wind Speed (MPH)	Loading
100	54 lbs.
125	85 lbs.

**RF Antenna Patterns**

