

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

Applications

- 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

- 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

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 |

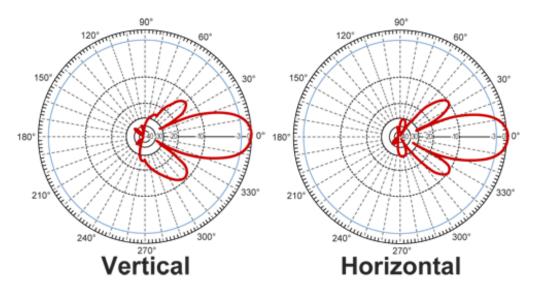
Mechanical Specifications

| 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



L-com, Inc. 50 High St., West Mill, 3rd Floor, Suite #30 North Andover, MA 01845 www.L-com.com E-mail: sales@L-com.com Phone: 1-800-343-1455 Fax: 1-978-689-9484 © L-com, Inc. All Rights Reserved. L-com Global Connectivity and the L-com logo are registered marks.