

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

