

HyperLink Wireless 2.4 GHz 16 dBi Dual Polarized Panel Antenna Model: HG2416DP

Applications

- IEEE 802.11b/g/n Wireless LAN
- 2.4 GHz ISM band
- MIMO applications
- Wireless Internet Provider "Cell" sites
- Public wireless hotspot

Features

- Vertical and horizontal polarization
- Dual polarity feed system – (2) N-Female connectors
- UV-resistant radome for all-weather operation
- Includes tilt and swivel mast mounting



Description

Superior Performance

The HyperLink HG2416DP Flat Panel Antenna combines vertical and horizontal polarization with high gain in a single enclosure. It is a professional quality antenna designed primarily for MIMO point-to-multipoint and point-to-point applications in the 2.4 GHz frequency bands. The unit can be used with APs and Routers with 1 or 2 antenna ports.

Rugged and Weatherproof

This antenna features a heavy-duty UV-resistant plastic radome for all-weather operation. The HG2416DP antenna is supplied with a stainless steel tilt and swivel mast mount kit. This allows quick installation at various degrees of up/down tilt for easy alignment.



Specifications

Mechanical Specifications

Connector	(2) Integral N-Female
Weight (Including bracket)	3.3 lbs. (1.5 kg)
Dimensions	12.4 x 12.4 x 1 in. (315 x315 x 25 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

Electrical Specifications

Frequency Range	2400-2500 MHz
Gain	16 dBi
Horizontal Beam Width	34°
Vertical Beam Width	25°
Polarization	Vertical and Horizontal
Nominal Impedance	50 Ohm
Max. Input Power	10 watts
Isolation	>30 dB
VSWR	<1.6
Lightning Protection	DC Ground

Wind Loading Data

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

RF Antenna Patterns

