

HyperLink Wireless 2.4 GHz 10 dBi Wireless LAN Mini Panel Antenna

Model: HG2410DP

Applications and Features

- Applications:**
- 2.4 GHz ISM Band
 - IEEE 802.11b/g/n Wireless LAN
 - Public Wireless Hotspot
 - WiFi
 - 802.11n MIMO applications
- Features:**
- Superior performance
 - Compact size, 4" x 4" x 3.5"
 - Durable UV-stable ABS radome
 - All weather operation
 - DC Ground lightning protecting
 - Dual Integral N-Female connectors
 - Can be installed for either vertical or horizontal polarization
 - Includes 30° Tilt & Swivel mast mounting kit
 - RoHS Compliant



Description

This very compact panel 2.4 GHz multiple-input and multiple-output (MIMO) patch antenna is designed to operate with many manufacturers' enterprise-class 802.11n MIMO access points (APs). The antenna features two integrated 2.4 GHz patch antennas in one enclosure, making it an ideal and aesthetically pleasing antenna to support demanding indoor or outdoor applications in next generation IEEE 802.11n wireless communication systems

Designed for all weather operation, the HG2410DP features drain holes in the radome to help prevent moisture build-up inside the antenna. The antenna is supplied with a 30 degree tilt and swivel mast mount kit. This allows the antenna to be positioned for optimal performance. It can be adjusted up or down from 0° to 30°. It can be mounted to a 1" (25.4 mm) to 1.7" (43.2 mm) dia. masts.



Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain (dBi)	10 dBi
Polarization	Vertical or Horizontal
Vertical Beamwidth	55°
Horizontal Beamwidth	55°
Max. Input Power	200W
Impedance	50 Ohms
VSWR	1.5:1
Front to Back Ratio	≥ 15dB
Lightning Protection	DC Ground

Mechanical Specifications

Output Connector	Dual Integral N-Female Connectors
Mounting	1" (25.4 mm) to 1.7" (43.2 mm) dia. masts
Vertical Tilt	0-30°
Radome	UV-Protected ABS
Operating Temperature	-40° C to 60° C (-40° F to 131° F)
Dimensions	4" x 4" x3.5" (104 x 104 x 90 mm)
Weight - Antenna	1.1 lbs. (0.5 Kg)
Weight - Mount	0.4 lbs. (0.18 Kg)
Rated Wind Velocity	130MPH/h (210Km/h)
RoHS Compliant	Yes

Antenna Gain Patterns

