

HyperLink Wireless Brand 2.4 GHz Dual Polarity 6 dBi Omnidirectional Antenna Model: HG2406DPU

Features

- MIMO – Multiple-Input and Multiple-Output
- Dual Polarity feed system in single enclosure
- Dual polarity, high gain operation
- Two (2) integrated diversity antennas , single package
- UV-resistant radome for all-weather operation

Applications

- 2.4GHz Outdoor Wireless LAN systems
- Supports 1x2 and 2x2 MIMO AP/Router
- Supports IEEE 802.11 b/g/n applications
- WiMax, WISP, WiFi, Communication
- Hospitality, Industrial, Municipality, MTU/MDU



Description

The HyperLink HG2406DPU Omnidirectional 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 applications in the 2.4 GHz frequency band.

This antenna incorporates advanced dual polarization technology that allows for the interoperability of two radios to transmit and receive paths. This technology allows for the attenuation of unwanted signals from adjacent channels and/or co-located equipment.



Specifications

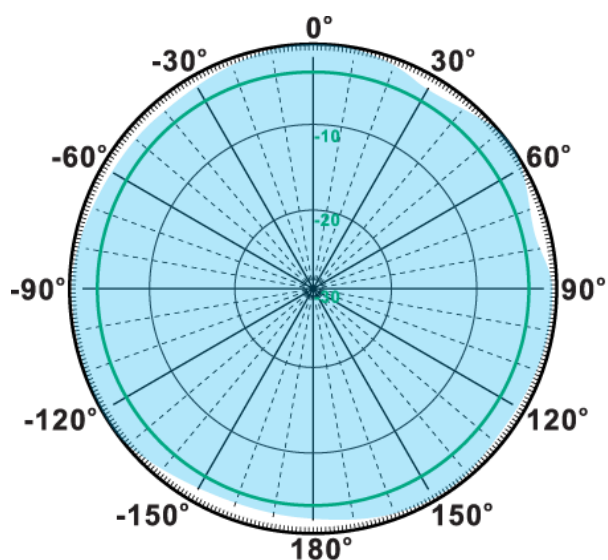
Mechanical Specifications

Connectors	(2) Type N-Female
Dimensions (Diameter x Length)	Ø3.3 x 17.9 in (Ø84 x 455 mm)
Weight	2.9 lbs (1.3 kg)
Radome Material	UV Resistance PVC
Mounting	Ø1.6 – Ø2.4 in (Ø40 – Ø60 mm) Masts
Rated Wind Velocity	130mph (210km/h)
Operating Temperature	-40°C - +65°C (-40°F - +149°C)

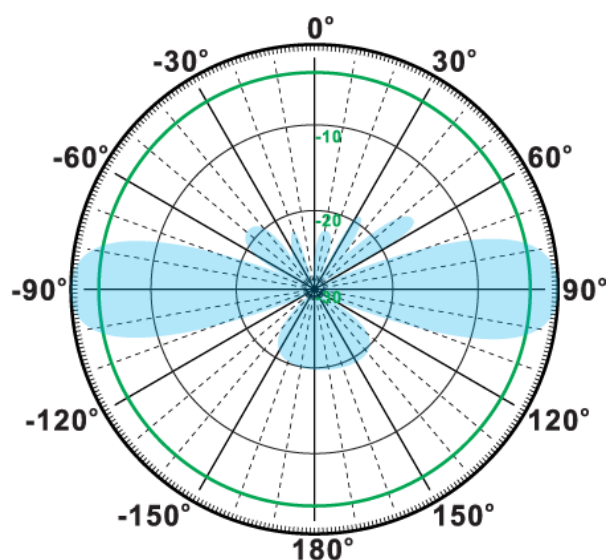
Electrical Specifications

Frequency	2400-2500 MHz
Gain	6 dBi
VSWR	< 1.8:1
Polarization	Horizontal and Vertical
Horizontal Beam Width	360°
Vertical Beam Width	28°
Isolation	> 30 dB
Cross-polar Ratio	> 20 dB
Nominal Impedance	50 Ohms
Max. Input Power	100W
Lightning Protection	DC Ground

HG2406DPU Antenna Pattern



H-Plane



V-Plane