

HyperLink Wireless 2.4 GHz 14 dBi 90 Degree Vertical Polarized Sector Antenna ANATEL® Approved - Model: HG2414SP-090

Applications

- 2.4 GHz ISM band
- IEEE 802.11b/g/n Wireless LAN applications
- Bluetooth® & WiFi public wireless hotspots
- Wireless video systems
- Wireless internet provider "cell" sites

Features

- 90° beam width
- Vertically polarized
- Includes 20° down/up tilt mounting bracket and mast mount hardware
- All weather operation
- Integral N-Female connector



Description

Superior Performance

The HyperLink HG2414SP-090 Sector Panel Antenna combines high gain with a 90 degree beam-width. It is a professional quality "cell site" antenna designed primarily for service providers in the 2.4GHz ISM band. Applications include IEEE 802.11b, 802.11g and 802.11n wireless LAN systems.

ANATEL® Approved

This antenna has been homologated (tested) in Brazil and is ANATEL® APPROVED for all installations in Brazil. This is another antenna in a series of L-com antennas certified for installation and use throughout Brazil.

Rugged and Weatherproof

This antenna features a heavy-duty plastic radome for all-weather operation. The heavy-duty mounting system allows installation adjusts from 0 to 20 degrees down tilt.

Ideal for Wireless Internet "Cell" Sites

This is an ideal choice for Wireless Internet Provider "cell" sites since the cell size can be easily determined by adjusting the down-tilt angle. Horizontal coverage is a full 90 degrees.



Specifications

Electrical Specifications

Frequency	2400 - 2500 MHz
Gain	14 dBi
Polarization	Vertical
Horizontal Beam Width	90°
Vertical Beam Width	12.5° to 15°
Impedance	50 Ohm
VSWR	< 1.5:1 avg.
Front to Back Ratio	> 23 dB
Max. Input Power	300 Watts
Lightning Protection	DC Ground
Connector	Integral N-Female

Mechanical Specifications

Weight	4.4 lbs. (2 kg)
Dimensions	20 x 7 x 3.5 inch (500 x 180 x 90 mm)
Radome Material	UV-inhibited Plastic
Mounting	2 inch (50 mm) dia. mast max.
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Rated Wind	>130 MPH (210 Km/h)
Compliant	ANATEL® Brazil and RoHS

RF Antenna Gain Patterns

