

HyperLink Wireless Brand 2.4 GHz 12 dBi 180° Sector Panel Antenna Model: HG2412P-180

Applications

- 2.4 GHz ISM band
- IEEE 802.11b/g/n WLAN applications
- WISP "Cell" sites
- Public wireless hotspots

Features

- Superior performance
- All weather operation
- 180° beam-width
- Integral N-Female connector
- Includes mast mounting hardware



Description

Superior Performance

The Hyperlink Brand HG2412SP-180 Sector Panel WiFi Antenna combines 12 dBi gain with a wide 180° 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.

Rugged and Weatherproof

This antenna features a heavy-duty UV protected epoxy-fiberglass radome for all-weather operation. The included mounting system adjusts from 0 to 20 degrees down-tilt.

Ideal for Wireless ISP "Cell" Sites

This Wi-Fi antenna is an ideal choice for Wireless ISP "cell" sites since the cell size can be easily determined by adjusting the down-tilt angle. Horizontal coverage is a full 180 degrees.



Specifications

Electrical Specifications

Frequency	2400 – 2500 MHz
Gain	12 dBi
Horizontal Beam Width	180°
Vertical Beam Width	15°
Polarization	Vertical
Impedance	50 Ohm
Front to Back Ratio	> 15 dB
Max. Input Power	100 Watt
VSWR	< 1.5
Lightning Protection	DC Ground

Mechanical Specifications

Connector	N-Female
Weight (including bracket)	5.34 lbs. (2.42 kg)
Radome Material	UV resistant PVC
Dimensions (L x W x H)	21.2 x 6.5 x 2.5 in. (540 x 165 x 65 mm)
Mounting Mast Size	Ø1.6 – 2.4 in. (Ø40-60 mm)

RF Antenna Patterns

