

HyperLink Wireless 2.4 GHz 14 dBi Backfire Antenna Model: HG2414D

Applications

- 2.4 GHz ISM band
- IEEE 802.11b/g/n Wireless LAN, WiFi systems
- CPE applications
- Point to Multi-point systems
- Wireless bridges and backhaul applications

Features

- Compact size and low profile
- All weather operation
- Tilt and swivel mast or wall mounting
- Integral N-Female connector



Description

The HyperLink HG2414D "Backfire" is a compact high performance Wi-Fi reflector antenna. It is ideally suited for IEEE 802.11b/g/n wireless LANs and other systems operating in the 2.4GHz ISM band and CPE (Customer Premise Equipment) applications where high gain in a compact package is desired. These antennas feature a tilt and swivel mount for wall or mast mounting. The reflector design minimizes interference.

Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain	14 dBi
Horizontal Beam Width	25 degrees
Vertical Beam Width	25 degrees
Front to Back Ratio	>30dB
Impedance	50 Ohm
VSWR	< 1.5:1 avg.
Maximum Input Power	50 Watts
Lightning Protection	DC Short

Mechanical Specifications

Weight	< 3.0 lbs. (1.4 Kg)
Diameter	10.25" (260mm)
Radome Material	Plastic
Reflector Material	Aluminum
Mast Diameter	2.0" (50mm) max.
Polarization	Horizontal or Vertical
Wind Survival	>150 MPH
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes
Connector	N-Female

RF Antenna Gain Patterns

