

HyperLink Wireless Brand 806-2500 MHz Broadband 9 dBi Radome Enclosed Log Periodic Antenna - Model: HG824-09LP-NF

Applications

- GSM/CDMA/PCS/3G/4G/WLAN
- Distributed Antenna Systems, DAS
- 800 – 2500 MHz band
- IEEE 802.11b/g/n Access Points and Routers
- WiFi and Wireless video systems

Features

- Broadband, low VSWR
- Sealed radome, all weather operation
- Ideal for use with multiband Access Points and Routers
- Supplied with tilt and swivel mast bracket



Description

Superior Performance

The HyperLink HG824-09LP-NF is a high performance wide band log periodic antenna designed to operate continuously from 806 MHz to 2500 MHz. This Wideband design eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a wide array of wireless applications where wide coverage is desired.

The HG824-09LP-NF is ideal for Distributed Antenna Systems, DAS. A DAS system is used to distribute Cellular and WiFi signals throughout a building or area. It is also suited for directional and multipoint IEEE 802.11b/g/n wireless LANs, public wireless hotspot applications and other systems operating in the 2.4GHz ISM band. The broadband characteristics of the antenna enable it to operate over a very wide frequency range. This antenna features 9 dBi of gain and a 59 degree vertical beam width.

Rugged and Weatherproof

The internal components of this antenna are enclosed within a UV-stable white ABS radome for all-weather operation. It is supplied with a tilt and swivel mast mount kit.

Specifications

Electrical Specifications

Frequency	806-2500 MHz
Gain	9 dBi
Horizontal Beam Width	80°
Vertical Beam Width	59°
Polarization	Vertical
Impedance	50 Ohm
Max. Input Power	50 Watts
VSWR	≤ 1.5:1

Mechanical Specifications

Weight (including bracket)	1.96 lbs. (0.89 kg)
Dimensions L x H x W	11.6 x 8.1 x 2.4 in. (295 x 207 x 60 mm)
Radome Material	UV-Stable White ABS
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Mounting	1.5 in. (40 mm) to 1.9 in. (50 mm) dia. masts
RoHS Compliant	Yes

Wind Loading Data

Wind Speed (MPH)	Loading
100	33.4 lb.
125	52.2 lb.

Antenna Gain Patterns

