2.4ghz To 5.8ghz Ultra-Wideband 8 Dbi Log Periodic Antenna
Model: RFLINKPSL03-NF

Applications

- 802.11a/b/g/n and 802.11ac access points and routers
- 802.16 and 802.20 WiMAX applications
- Distributed Antenna Systems, DAS, Ultra Wide Band, UWB applications
- Homeland Security and Public Safety Services: Fire, Police, Security
- WiFi Systems

Features

- Ultra Wide Band design
- 2.3 to 6.5 GHZ continuous coverage
- Ideal for use with multiband access points and routers
- Superior performance
- Compact size, low profile and easy to mount, 9 inch coax lead included

Description

The RFLINKPSL03 is a high-performance ultra-wideband log-periodic antenna designed to operate across a frequency range of 2.3 GHz to 6.5 GHz. This wideband design eliminates the need for multiple antennas for different frequencies, simplifying installation and making it ideal for a variety of wireless applications where broad coverage is required.

This antenna delivers consistent gain across a wide frequency range. It is particularly well-suited for use in Distributed Antenna Systems (DAS), which are commonly deployed to distribute signals across various frequency bands, such as 802.11ac or WiMAX, throughout a building or area.

Antenna provides 8 dBi of gain and features a 60-degree beamwidth, ensuring optimal coverage and signal strength. Its internal components are housed in a durable, UV-stable white fiberglass radome, allowing for reliable all-weather performance. Additionally, the antenna comes with a swivel mast mount kit for easy installation.

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.

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Specifications

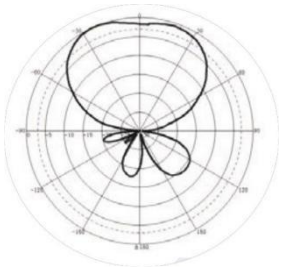
Electrical Specifications

Frequency	2400 MHz	5800 MHz
Gain	8 dBi	8 dBi
Horizontal Beam Width	80°	800°
Vertical Beam Width	60°	60°
Impedance	50 Ohm	
Max. Input Power	50 Watts	
VSWR	≤ 2.0	

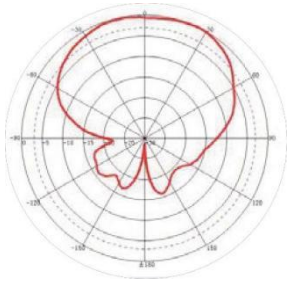
Mechanical Specifications

Weight	1.5 lbs. (680.39 gm)
Dimensions L x H x W	6.3 x 1.3 x 3.5 in. (160 x 33.02 x 88.9 mm)
Radome Material	UV stable fiberglass
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes

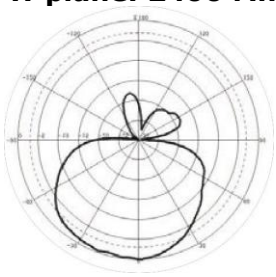
Typical Radiation Patterns

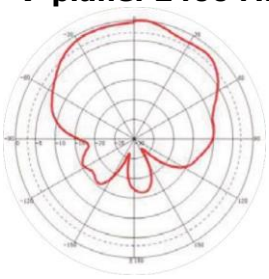


H-plane: 2400 Mhz



V-plane: 2400 Mhz





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