Laird TECHNOLOGIES®

Innovative **Technology** for a **Connected** World

S49014WP
Panel Antenna

4.90 - 5.99 GHz WIDE-BAND ANTENNA

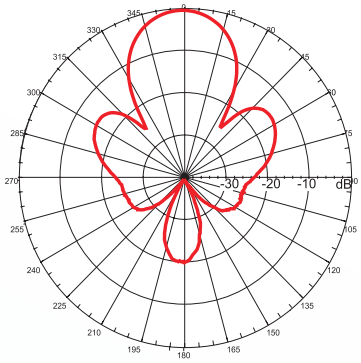
Laird Technologies' S49014WPSNM antenna provides wide-band coverage and high-gain performance in the 4.90 to 5.99 GHz band. These characteristics give system integrators a single antenna that can be used in a wide variety of point-to-point and point-to-multipoint applications. Its wide bandwidth capability makes it an attractive option for use in all WLAN 5 GHz frequency band applications world wide.

The antenna is enclosed in a UV-stable weatherproof radome housing, and is suitable for indoor and outdoor use. It comes equipped with an articulating mount and hardware that allows wall or pole mounting. The integrated articulating mount also provides the capability to direct energy for optimal performance whether making a point-to-point link or using the antenna to blanket a specific area with energy.

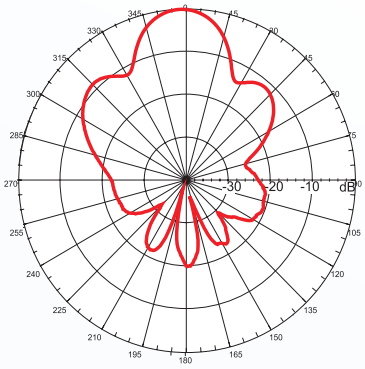
FEATURES

- Wide-band high-gain performance
- Articulating wall or pole mount
- Indoor and outdoor use
- Variety of cable lengths and connectors available

PARAMETER	SPECIFICATION
Frequency (GHz)	4.90 -5.99
Gain 4.90 -5.47 (dBi)	13 (nominal)
Gain 5.47 -5.99 (dBi)	14 (nominal)
E-Plane (3dB beamwidth)	25°
H-Plane (3dB beamwidth)	29°
Polarization	Vertical Linear
Weight (Antenna Only) lb. (kg)	0.70 (.32)
VSWR	2:1
Mounting Style	Wall / Mast
Dimensions (cm)	10.2 x 10.2 x 3.5
Pigtail	12" low loss
Enclosure	Acrylic / PVC
Power (Watts)	10
RF Connector	N (male)



H- PLANE 5.5 Ghz



E- PLANE 5.5 GHz

global solutions: local support™

Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

ANT-DS-S49014WP 0509

Any information furnished by Laird Technologies and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability, or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies terms and conditions of sale in effect from time to time, a copy of which will be furnished upon request. All Laird Technologies' products are sold pursuant to the Laird Technologies' terms and conditions of sale in effect from time to time, a copy of which will be furnished upon request.

© 2009 All Rights Reserved
Laird Technologies is a registered trademark of Laird Technologies, Inc