



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SL24513P12SMF

Omni-directional Ceiling Mount Antenna



TRI-MODE, DUAL-BAND 802.11B/A/G CEILING MOUNT AND OMNI-DIRECTIONAL PANEL ANTENNA

The Laird Technologies SL24513P12SMF tri-mode, dual-band omni-directional panel antenna provides 3 dBi gain coverage for ceiling mount applications. The diminutive antenna integrates mounting clips for installation into its design. The sleek, low-profile antenna provides high performance with minimal aesthetic impact.

The antenna incorporates a single RF port that supports access point radio devices utilizing any combination of 802.11b/a/g multimode sets as well as 802.11b, 802.11a or 802.11g single mode chip sets. Extremely symmetrical and uniform omni-directional coverage makes the antenna best suited to support high performance, high capacity data connectivity systems where the identification of coverage zones optimizes overall system performance characteristics.

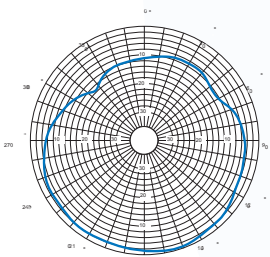
A plenum-rated coax pigtail and SMA female connector are standard, but any popular 802.11 access point connector option is available upon request.

FEATURES

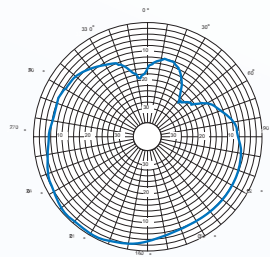
- High performance omni in small package
- Mounting hardware adjusts height from ceiling
- Coax pigtail length can be modified
- Additional mounting options available

MARKETS

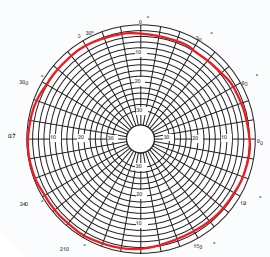
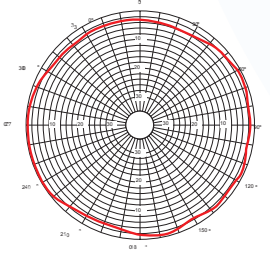
- Offices
- Shopping malls
- Warehouses
- Business and healthcare complexes
- Transportation centers



2450 MHz



5250 MHz



PARAMETER	SPECIFICATION
Frequency Range (MHz)	2400-2500, 5150-5350
Gain (dBi)	3 (Peak)
E-Plane 3 dB Beamwidth	120° / 80°
H-Plane 3 dB Beamwidth	Omnidirectional
Polarization	Linear
Weight lbs (kg) (with 12" cable)	0.15 (68)
VSWR	2.0:1
Mount Style	Ceiling grid
Dimensions in. (cm)	2.2" x 2.2" x 7" (5.1 x 5.1 x 1.8)
Enclosure	ABS/PVC
Power (Watts)	10
RF Connector	SMA (f)
Pigtail	12"

* Pattern data represents a ceiling mounted antenna

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ANT-DS-SL24513P12SMF 0317

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