

SL1852P12NF

Omni-directional Ceiling Mount Antenna



OMNI-DIRECTIONAL 2 dBi CEILING MOUNT ANTENNA FOR PCS

The Laird SL1852P12NF antenna offers characteristics normally expected from much larger antennas: "no compromise" performance in an attractive small package. This 2 dBi omnidirectional ceiling mount antenna is designed for use in the PCS band from 1850-1990 MHz.

Because its omnidirectional pattern is uniform and symmetrical, the antenna is perfectly suited to contemporary, in-building wireless systems applications. A well-defined coverage area with high levels of radiated energy within each cell is critical to maintaining system-wide in-building performance especially if capacity related issues are driving the system design.

The antenna employs versatile, easy-to-install clips for mounting to a ceiling support T-bar. The mounting system is adjustable for ceiling tile depth variances of as much as 0.5" from the grid support system. A SMA female connector is standard and jumper cables are available in varying lengths and connector options.

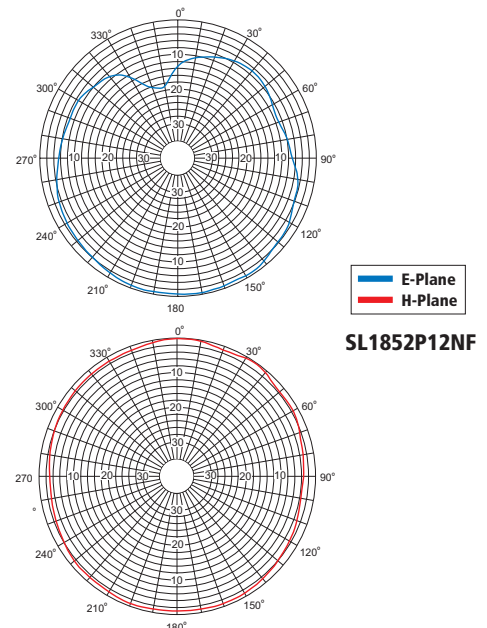
FEATURES

- 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

PARAMETER	SPECIFICATION
Frequency Range (MHz)	1850-1990
Gain (dBi)	2
E-Plane 3 dB Beamwidth	100°
H-Plane 3 dB Beamwidth	Omnidirectional
Polarization	Linear
Weight lbs (g)	0.20 (90.7)
VSWR	1.7:1
Mount Style	Ceiling grid
Dimensions in.	2.5" x 2.5" x .8"
Enclosure	Polycarbonate
Power (Watts)	10
RF Connector	N (f)



Americas: +1.847.839.6927
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

ANT-DS-SL1852P12NF 1115

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trademarks or registered trademarks of Laird Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.