Laird TECHNOLOGIES

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

SL1852P12NF
Omni-directional Ceiling Mount Antenna

OMNI-DIRECTIONAL 2 dBi CEILING MOUNT ANTENNA FOR PCS

The Laird Technologies SL1852P12NF antenna offers characteristics normally expects 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.

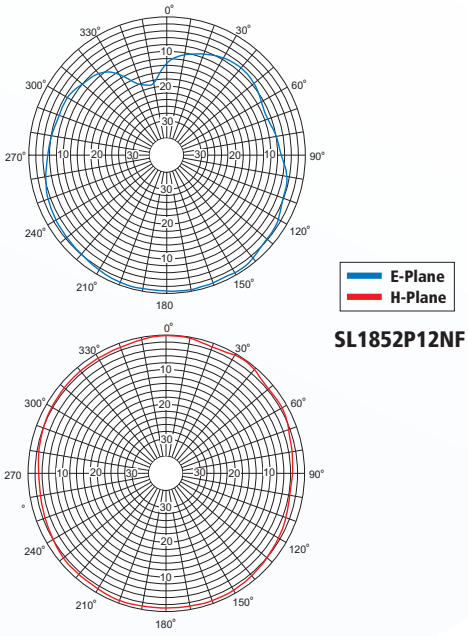
FEATURES RoHS

- 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)



SL1852P12NF

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