PRODUCT DATA SHEET

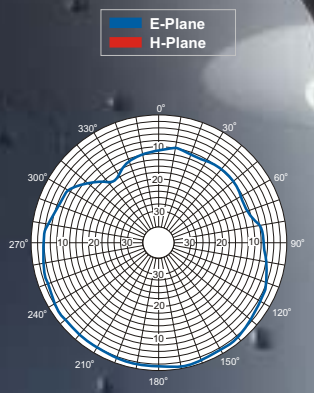
COMMUNICATIONS ANTENNAS

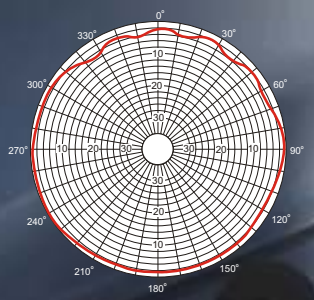
CUSHCRAFT CORPORATION

OMNIDIRECTIONAL CEILING MOUNT ANTENNA:

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

Pattern data represents a ceiling mounted antenna





SL2402P

SL2402P

2.5 dBi Omnidirectional Ceiling Mount Antenna

The SL2402P antenna offers characteristics that one normally expects from much larger antennas, offering"no compromise" performance in an attractive small package. The SL2402P, 2.5 dBi omnidirectional ceiling mount antenna is designed for use in the ISM band from 2400 - 2500 MHz. The antenna dimensions are only 2" X 2" X 0.7".

Since the antenna's omnidirectional pattern is very uniform and symmetrical, it is perfectly suited to contemporary in-building wireless systems applications. A very 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 the ceiling support T-bar. The antenna mounting system is even adjustable for ceiling tile depth variances of as much as 0.5" from the grid support system. The antenna comes standard with N female connector and Cushcraft makes jumper cables available in varying lengths and connector options.

SPECIFICATION CHART

Model / Part Number:	SL2402P
Frequency MHz:	2400 - 2500
Gain dBi:	2.5
VSWR:	1.7:1
E-Plane (3 dB beamwidth):	160º
H-Plane (3 dB beamwidth):	Omnidirectional
Polarization:	Linear
Weight lbs (g): w/12"cable	.15 (68)
Mounting Style:	Ceiling Grid
Dimensions in.(cm):	2 x 2 x .7 (5.1x5.1x1.8)
Enclosure:	ABS/PVC
Power (Watts):	10
RF Connector:	Type N (f)
Pigtail:	12"

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