

PRODUCT DATA SHEET

COMMUNICATIONS ANTENNAS



CUSHCRAFT
CORPORATION

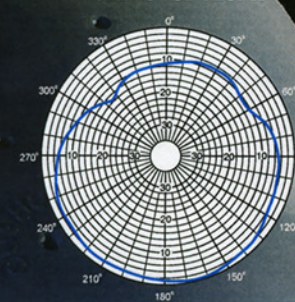
OMNIDIRECTIONAL CEILING MOUNT ANTENNA:

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

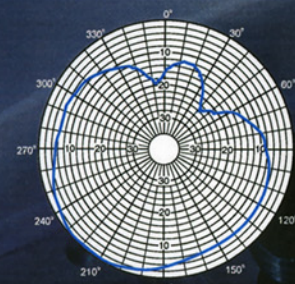
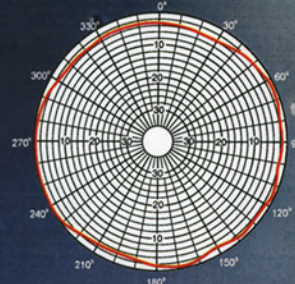
Pattern data represents a
ceiling mounted antenna

■ E-Plane
■ H-Plane

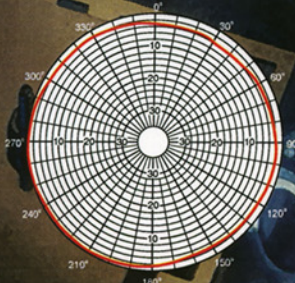
SL24513P12SMF



2450 MHz



5250 MHz



SL24513P12SMF



Tri-mode, dual band 802.11b/a/g ceiling mounted omnidirectional panel antenna

The Cushcraft SL24513P12SMF tri-mode, dual band omnidirectional panel antenna provides 3 dBi gain omnidirectional coverage for ceiling mount applications. The antenna is a diminutive 2.2" X 2.2" X 0.7" in size and the installation hardware is comprised of mounting clips that are integrated into the antenna design.

The sleek low profile design is a perfect choice for providing multimode, high performance, omnidirectional coverage with minimal aesthetic impact.

Typical applications include access points installed in offices, shopping, business and health care complexes as well as transportation centers where high speed 802.11 high speed wireless data connectivity is offered. The antennas incorporate a single RF port allowing them to support access point radio devices utilizing any combination of 802.11b/a/g multimode chip sets as well as access points utilizing 802.11b, 802.11a or 802.11g single mode chip sets.

The antenna features extremely symmetrical and uniform omnidirectional coverage. They are best suited to supporting high performance, high capacity data connectivity systems where the ability to identify each coverage zone can optimize the overall system performance characteristics.

The antenna comes standard with a 12" plenum rated coax pigtail and SMA female connector. However, any popular 802.11 access point connector option is available upon request.

SPECIFICATION CHART

Model / Part Number:	SL24513P12SMF
Frequency MHz:	2400 - 2500 5150-5350
Gain dBi: Peak	3.0
VSWR:	2.0:1
E-Plane (3 dB beamwidth):	120° / 80°
H-Plane (3 dB beamwidth):	Omnidirectional
Polarization:	Linear
Weight lbs. (kg) (w/12' cable):	.15 (68)
Mounting 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"