Laird TECHNOLOGIES

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

S2408PC12NF

ISM Band Circularly Polarized Panel Antenna

INDOOR/OUTDOOR PANEL ANTENNA

The S2408PC12NF is an ISM Band circularly polarized panel antenna. This antenna provides for reception and transmission in the 2400-2500 MHz frequency band. The circularly polarized antenna is designed to mitigate the effects of polarization related multipath issues on system performance and is particularly effective when used in environments where signal polarization purity is degraded due to heavy multipath and scattering. The antenna's radome is injection molded and UV stabilized for both indoor and outdoor applications. The structure itself is designed using MicroAir™ technology, which provides a low cost alternative to dielectric substrate designs. It has been proven to increase the antenna's radiation efficiency and hence achievable gain.

The small size of this antenna provides an excellent antenna solution for system installers to build out seamless local area networks. Custom configurations of radome finish, color, and texture can be provided to complement and blend within any environment, making it an ideal solution to meet the most demanding aesthetic requirements in today's workplace.

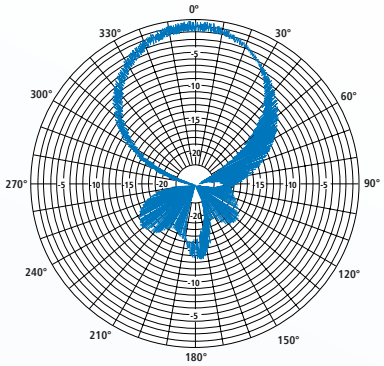
FEATURES

- 2400-2500 MHz
- Indoor/Outdoor applications
- Small compact design

APPLICATIONS

- Industrial complexes
- Office environments
- Shopping malls
- Parking garages
- Airports
- Hospitals
- Campus settings
- WiMAX

MODEL	S2408PC12NF
Frequency MHz	2400-2500
Gain	8 dBic
VSWR	1.5:1
Polarization	Circular
E-Plane (-3 dB beamwidth)	50°
H-Plane (-3 dB beamwidth)	50°
Weight lb. (kg)	0.6 (.27)
RF Connector (f)	N
Dimensions in (cm)	6 x 6 x 1.25 (15.2 x 15.2 x 3.2)
Power (Watts)	1
Mount Style	Wall/Surface



S2408PC

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