

PRODUCT DATA SHEET

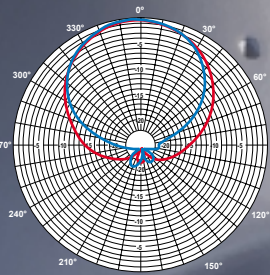
COMMUNICATIONS ANTENNAS



PATCH ANTENNAS:

- 2400-2500 MHz
- Indoor/Outdoor Applications
- Small Compact Design

— H-Plane
— E-Plane



S2408P

S2408P



Linearly Polarized Panel Antenna

Cushcraft Corporation recently engineered a linear polarized panel antenna, the **S2408P12NF**. This antenna provides for reception and transmission in the 2400-2500 MHz frequency band. This antenna is designed to increase signal reception in environments where there is a presence of multipath and high scattering. The antenna's radome is injection molded and UV stabilized for both indoor and outdoor applications. The structure itself is designed using Cushcraft's 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. Applications for this antenna include industrial complexes, office environments, shopping malls, parking garages, airports, hospitals, campus settings and more.

PANEL SPECIFICATION CHART

Model	Freq. MHz	Gain dBi	VSWR	Polarization	-3dB bandwidth E-Plane H-Plane	Weight lb (kg)	RF Connector (f)	Dimensions in. (cm)	Power (Watts)	Mount Style
S2408P12NF	2400-2500	8 dBi	1.5:1	Linear	60° 65°	0.5 (.23)	N	6" x 6" x 1-1/4" (15.2 x 15.2 x 3.2)	50	Wall/Surface