

# PRODUCT DATA SHEET



## DATA TRANSMISSION OMNIS

- 8 dBi gain in 2400-2500 MHz band
- UV stable thermoplastic radome
- Directional coverage, low visibility
- Ceiling/Surface mount

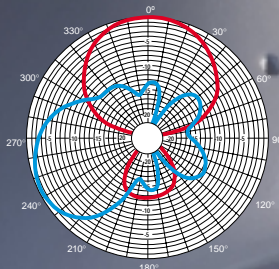
### S2408MD



### S1857MD



■ H-Plane  
■ E-Plane



S2408MD

## Directional Ceiling Mount 8 dBi Array

Cushcraft recently engineered a directional ISM band antenna for ceiling mount applications where directional coverage and low visibility are desirable. The antenna exhibits 8 dBi of gain in the 2400 - 2500 MHz frequency band. The antenna is 7-1/4" x 3-3/4" x 2" and weighs only 0.3 lbs. (.14kg). The antenna housing is vacuum formed from UV stable thermoplastic. Standard models are white in color with a textured finish. Custom configurations of radome finish, color and texture can be provided to compliment and blend with any environment. The antenna is a perfect choice to use with wireless LAN systems where directional coverage is desirable from a mounting location overhead. Offices, HealthCare facilities, educational or industrial campuses and shopping malls are just a few of the more common applications for this antenna design.

### SPECIFICATION CHART

Model	Freq. MHz	Gain dBi	VSWR	Polarization	Front-to-Back Ratio	-3dB BW E-Plane	-3dB BW H-Plane	Weight lb (kg)	RF Connector Grounding	RF Connector (f)	Dimensions in. (cm)	Power (Watts)	Mount Style
S2408MD12NF	2400-2500	8	1.5:1	Vertical Linear	13dB	56°	66°	0.3 (.14)	Element DC Grounded	N	7-1/4 x 3-3/4 x 2 (18.4 x 9.5 x 5.1 cm)	50	Ceiling/Surface
S1857MD12NF	1850-1990	7	1.5:1	Vertical linear	13dB	69°	68°	0.3 (1.4)	Element DC Grounded	N	7-1/4" x 3-3/4" x 2" (18.4 x 9.5 x 5.1 cm)	50	Ceiling/Surface