Laird TECHNOLOGIES®

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

S2408MD12NF
Directional Ceiling Mount 8 dBi Array

LOW VISIBILITY ISM BAND ANTENNA

The S2408MD12NF is 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 7.25 x 3.75 x 2 inches and weighs only 0.3 lbs (.14kg). The antenna housing is vacuum formed from UV stabile 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.

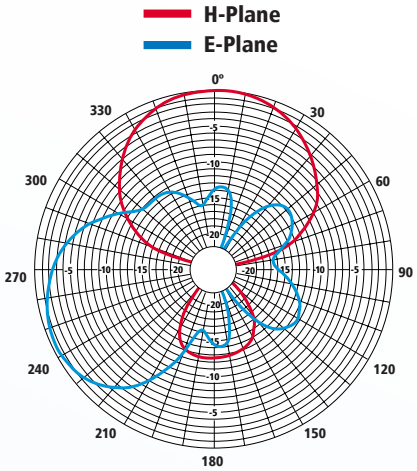
FEATURES

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

APPLICATIONS

- Industrial complexes
- Office environments
- Shopping malls
- Healthcare facilities
- Campus settings
- WiMAX

MODEL	S2408MD12NF	S1857MD12NF
Freq. MHz	2400-2500	1850-1990
Gain dBi	8	7
VSWR	1.5:1	1.5:1
Polarization	Vertical linear	Vertical linear
Front-to-back ratio	13 dB	13 dB
E-Plane (-3 dB bmwidth)	56°	69°
H-Plane (-3 dB bmwidth)	66°	68°
Weight lb (kg)	0.3 (.14)	0.3 (1.4)
Grounding	Element DC Grounded	Element DC Grounded
RF Connector (f)	N	N
Dimensions in (cm)	7.25 x 3.75 x 2 (18.4 x 9.5 x 5.1 cm)	7.25 x 3.75 x 2 (18.4 x 9.5 x 5.1 cm)
Power (Watts)	50	50
Mount Style	Ceiling/Surface	Ceiling/Surface



S2408MD

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ANT-DS-S2408MD12NF 0611

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