Laird™

Smart Technology. Delivered.

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.

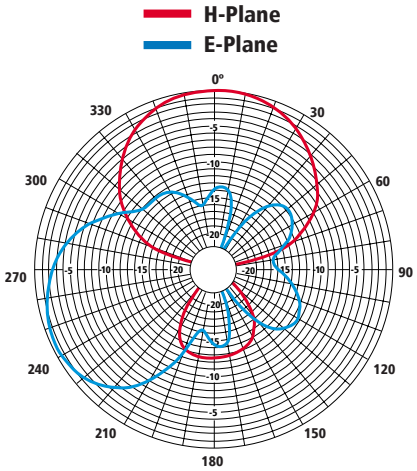
FEATURES

- 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)	56º	69º
H-Plane (-3 dB bmwidth)	66º	68º
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



S2408MDS2408MD

Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

ANT-DS-S2408MD12NF_0115

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trade marks or registered trade marks of Laird Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.