

CMS69273/CMS69273S

698-960 MHz/1575 MHz/1710-2700 MHz Ceiling Mount Antenna

CMS69273







MULTI-BAND CEILING MOUNTED OMNIDIRECTIONAL ANTENNA

The CMS69273/CMS69273S is an indoor wideband omnidirectional ceiling mount antenna. It is designed to provide pattern coverage that is optimized for indoor coverage requirements at 698-960 MHz, 1575 MHz, and 1710-2700 MHz for the GSM, DCS, UMTS, and LTE/WiMAX frequency bands. The antenna features a pattern that has been specifically shaped to provide optimal performance from a ceiling mount location. The pattern is also very uniform and symmetrical, providing system integrators with the ability to precisely determine cell size.

FEATURES ROHS

- Mounts directly and easily to ceiling tile
- Performance optimized using Laird Technologies proprietary RF optimization tools
- · Excellent flame rating

MARKETS

- Meeting rooms
- Offices
- Hotels
- · Bus terminals
- Train stations
- Museums
- Libraries
- Retail malls
- Other in-building areas

SPECIFICATIONS	
Model	CMS69273/ CMS69273S
Frequency	698-960 MHz/1575 MHz/ 1710-2700 MHz
Peak Gain	1 dBi/2 dBi/3 dBi
VSWR	2.0:1/2.5:1/2.0:1
H-Plane (3 dB beamwidth)	Omnidirectional
Polarization	Linear, Vertical
RF Connector	N female
Cable	305mm, Plenum rated
Enclosure	PC/ABS, UV stable
Antenna Weight	0.34 kg
Power	25 watts
Mounting	CMS69273: Ceiling Mount (flush mount with screws and anchors) CMS69273S: Ceiling Mount (flush mount with screws and anchors or threaded stem)
Nominal Impedance	50 ohm
Operational Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Material substance compliance	RoHS 6/6
Flammability Rating	UL-94V0 Materials
Dimensions	Diameter 199 mm x Height 86 mm

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

Europe: +1.32.80.7866.12 IAS-EUSales@lairdtech.com Asia: +1.65.6.243.8022 IAS-AsiaSales@lairdtech.com

www.lairdtech.com



CMS69273/CMS69273S

698-960 MHz/1575 MHz/1710-2700 MHz Ceiling Mount Antenna

PATTERNS Horizontal Elevation 700 MHz 850 MHz 1.575 GHz 1.9 GHz 2.5 GHz

ANT-DS-CMS69273_CMS69273S 090414

Any information furnished by Laird 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, Laird Technologies, ince or any fit is affiliates or agents shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Echnologies. Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2014 Laird Technologies, Inc. All Right Serverd. Laird, Laird Technologies, for 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.