Laird
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CMS69273/CMS69273S
698-960 MHz/1575 MHz/1710-2700 MHz Ceiling Mount Antenna

CMS69273

CMS69273S

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

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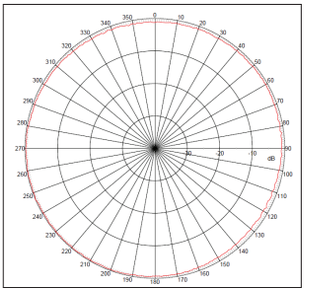
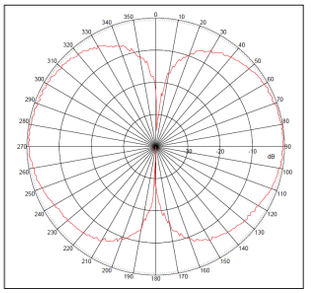
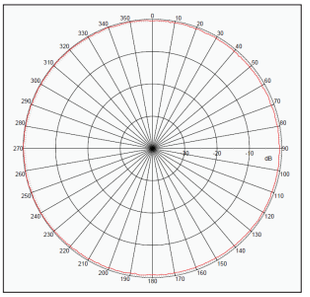
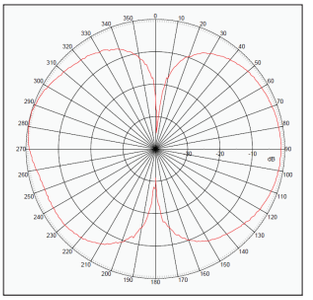
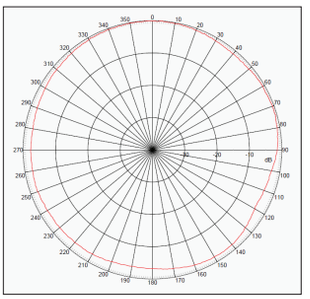
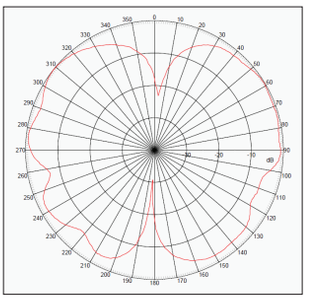
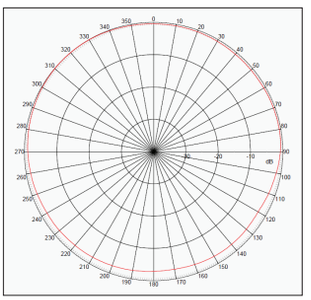
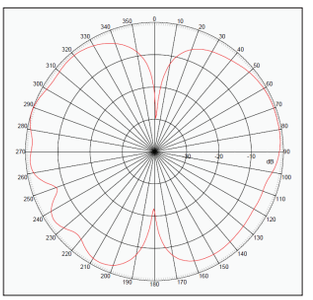
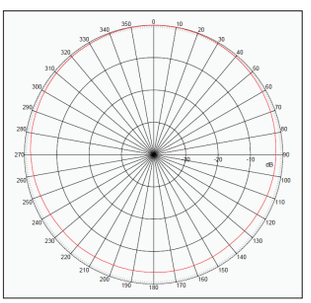
PATTERNS

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