



SPECIFICATIONS

Model	CMS69273P
Frequency	698-960 MHz/1575 MHz/ 1710-2700 MHz
Peak Gain	1 dBi/2 dBi/3 dBi
VSWR (698-960 MHz / 1710-2700 MHz)	2.0:1
VSWR (1575 MHz)	2.5:1
H-Plane (3 dB beamwidth)	Omnidirectional
Polarization	Linear, Vertical
PIM Level (20w, two tones)	-150 dBc max
RF Connector	Model Specific
Enclosure	PC/ABS
Antenna Weight kg	0.34
Nominal Impedence (Ohms)	- 50
Power (watts)	50
Operational Temperature	-30° to +70°
Storage Temperature	-40° to +85°
Mounting	Ceiling Mount (flush)
Dimensions (mm)	199 x 86

Warranty and Liability

Laird warrants to the original purchaser that antenna products will remain free from defects in materials and workmanship for a period of sixty (60) months from the purchase date. If any such defect is discovered within the warranty period, Laird will at its sole option, repair or replace the Product free of charge upon its return to the factory. This warranty applies only if the Product is used in a normal fashion, and is void if the Product is abused, disassembled, tampered with, used unreasonably, or fails as a result of normal wear. Furthermore, this warranty applies only to defects, which occur where the proper Product is selected as recommended by Laird and is used in the fashion recommended by Laird for the defective Product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IS LIMITED TO A PERIOD OF SIXTY (60) MONTHS FROM THE DATE OF ORIGINAL PURCHASE. LAIRD IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. ANY WARRANTY EXTENDED HEREIN SHALL BE LIMITED TO THE PRICE PAID TO LAIRD FOR THE DEFECTIVE PRODUCT. WHERE STATE OR LOCAL LAW GOVERNS THE PERIOD OF WARRANTY, SUCH PERIOD SHALL CONTROL.

CMS69273P

698-960 MHz/1710-2700 MHz ASSEMBLY AND INSTALLATION INSTRUCTIONS



Please read all instructions carefully before attempting to install and use this product.

SAFETY

The CMS69273P and all associated equipment should be installed in accordance with all applicable local and national electrical code guidelines to ensure safe operation.

APPLICATION

The CMS69273P omnidirectional ceiling mount antenna is an indoor wideband antenna covering GPS and all applications in the 698-960/1710-2700 MHz cellular spectrum. The low profile antenna provides omnidirectional coverage for meeting rooms, offices, hotels, college campuses, airports, hospitals, bus terminals, train stations, museums, libraries, retail malls or other in-building areas.

LOCATION

For best results, mount the CMS69273P at ceiling level near the center of the coverage area. A line-of-sight path between the antenna and active floor locations work best. Avoid mounting next to a column or vertical support that could create a shadow zone.

INSTALLATION

A threaded post on the back side of the Antenna and supplied flat washer, curved washer, and mounting nut are the primary mounting configuration when access is available to both sides of the mounting surface (such as suspended ceiling tile). Mark desired mounting location on tile and cut a 20 mm (25/32") hole. Feed cable through hole and secure Antenna with washers and mounting nut. If access is limited to the back side of the mounting surface, there are three mounting holes that can be used with supplied #6 screws and expanding anchors.



Smart Technology. Delivered.

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

IAS-ANT-DS-CMS69273P_073114