

# 1900 MHz Whisper Antenna

## Outdoor - IDO1900

## Indoor - ID1900



### 1900 MHz DIRECTIONAL IN-BUILDING WHISPER ANTENNA

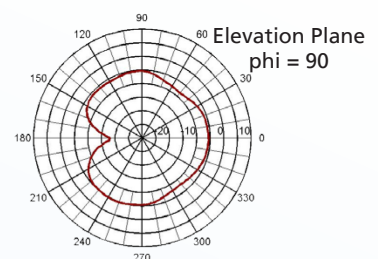
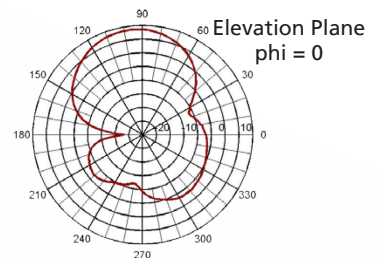
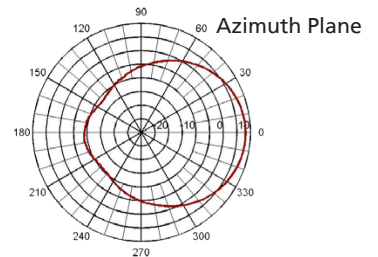
The widespread use of cellular phones and wireless network applications inside buildings has increased the need for antenna systems that can provide considerable gain over traditional dipole antennas.

Laird Technologies' in-building wireless antennas are particularly applicable in environments where aesthetics and wide angle coverage are necessary for successful wireless deployment. Their surprisingly small size allow the antennas to be hidden almost anywhere, providing an invisible solution for most applications.

SPECIFICATIONS	
Element type	Air-loaded patch
Frequency range	1850 – 1990 MHz
Peak gain	8.5 dBi
Polarization	Linear
Azimuth 3dB beamwidth	80°
Elevation 3dB beamwidth	60°
Impedance	50 ohms
Maximum input power	50 watts
VSWR (min. performance)	2.0:1
Dimensions (L x W x H)	10.4 x 13.5 x 3.6 cm
Housing	Luran
Operating/storage temperature	-40° to +70°C

MODEL #	REFERENCE #	PLENUM RATED COAX	CONNECTOR
ID1900-SM36	CAF95996	36" RG-142	SMA-male
ID1900-NF12	CAF95979	12" RG-142	N-female
ID1900-NF36	CAF94330	36" RG-142	N-female
IDO1900-SM12	CAF94138	12" RG-142	SMA-male
IDO1900-SM36	CAF95993	36" RG-142	SMA-male

### ANTENNA PATTERNS



### MOUNTING OPTIONS

- Wall-mount bracket & screws included
- Indoor optional brackets: 2" indoor pan/tilt mount (IMI-02A) and 5" indoor pan/tilt mount (IMI-05A)
- Outdoor optional brackets: 5" outdoor metal pan/tilt mount (IMO-05A)



IMI-02A



IMI-05A



IMO-05A

global solutions: local support™

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](http://www.lairdtech.com)

ANT-DS-ID1900 0909

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trademarks or registered trademarks of Laird Technologies, 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 Technologies or any third party intellectual property rights.