

Innovative **Technology** for a **Connected** World

# **1900 MHz Whisper Antenna** Outdoor - ID01900 Indoor - ID1900

### **1900 MHz DIRECTIONAL IN-BUILDING WHISPER ANTENNA**

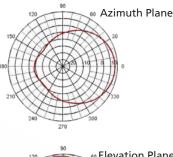
The widespread use of cellular phones and wireless network applications inside buildings has increased the need for antenna systems that can provide considerable gain over traditional dipole antennas.

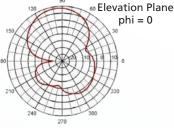
Laird Technologies' in-building wireless antennas are particularly applicable in environments where aesthetics and wide angle coverage are necessary for successful wireless deployment. Their surprisingly small size allow the antennas to be hidden almost anywhere, providing an invisible solution for most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

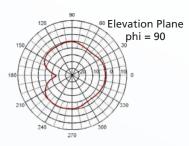
SPECIFICATIONS		
Element type	Air-loaded patch	
Frequency range	1850 – 1990 MHz	
Peak gain	8.5 dBi	
Polarization	Linear	
Azimuth 3dB beamwidth	80°	
Elevation 3dB beamwidth	60°	
Impedance	50 ohms	
Maximum input power	50 watts	
VSWR (min. performance)	2.0:1	
Dimensions (L x W x H)	10.4 x 13.5 x 3.6 cm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





## 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

#### 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 for a see of 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. (© Copright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies the Laird Technologies Logan and the marks or registred taid emarks or failstered taid emarks (or agristicated taid technologies). For any specific set of the same set and strain the technologies of the laird Technologies Logan and the marks or registred taid emarks or failstered taid protection and the property of third parties. Nothing herein provides a license under any Laird Technologies on any third party intellectual property rights.