

1900 MHz Whisper Antenna

Outdoor - ID01900

Indoor - ID1900



1900 MHz DIRECTIONAL IN-BUILDING WHISPER ANTENNA

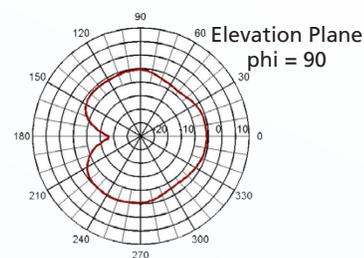
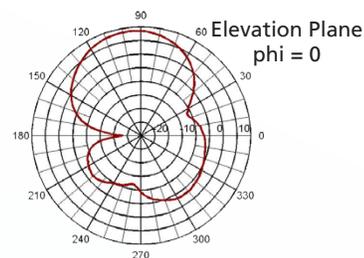
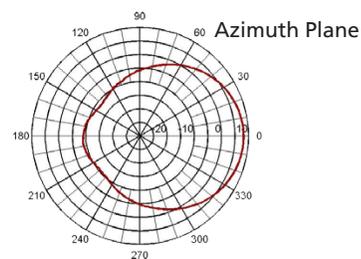
The widespread use of cellular phones and wireless network applications inside buildings has increased the need for antenna systems that can provide considerable gain over traditional dipole antennas.

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
ID01900-SM12	CAF94138	12" RG-142	SMA-male
ID01900-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)



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