

# 850 MHz Whisper Antenna

## Outdoor - IDO850

## Indoor - ID850



### 850 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	806 – 896 MHz
Peak gain	7.5 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
Housing (indoor)	ABS
Housing (outdoor)	Kydex - UV tolerance rated to 7 years
Dimensions (L x W x H)	28.4 x 22.4 x 5.6 cm
Operating/storage temperature	-40° to +70°C

MODEL #	REFERENCE #	CONNECTOR	HOUSING
ID850-SF00	CAF95978	SMA-female panel	ABS
IDO850-NF00	CAF94122	N-female panel	Kydex

### MOUNTING OPTIONS

- Wall-mount bracket & screws included
- Indoor optional brackets: 2" indoor pan/tilt mount (IMI-02C) and 5" indoor pan/tilt mount (IMI-05C)
- Outdoor optional brackets: 5" outdoor metal pan/tilt mount (IMO-05B) and 8" outdoor metal pan/tilt, wall/pole mount (IMP-08A)



IMI-02C



IMI-05C



IMO-05B



IMP-08A

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ANT-DS-ID850 0909

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