Laird TECHNOLOGIES

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

SL80173WP
Tri-Band Omni Antenna

TRI-BAND: 880-960, 1710-1880 AND 1920-2170 MHz CEILING MOUNT OMNI-DIRECTIONAL PANEL ANTENNA

The Laird Technologies SL80173WP is a tri-band, linearly polarized 3 dBi omnidirectional panel antenna. Specifically shaped for optimal performance from a ceiling mount location, the pattern is optimized for indoor coverage requirements at 880-960, 1710-1880, and 1920-2170 MHz for the GSM, DCS, and UMTS frequency bands. The antenna is also uniform and symmetrical, allowing systems integrators the ability to precisely determine cell size—a major benefit in determining cell overlap and density for in-building systems.

With a small footprint and slim silhouette, the antenna is ideal for any office or retail space where a premium is placed on complementary, unobtrusive aesthetics. Standard with three integrated plenum-rated coax pigtails and N female connectors, the SL80173WP also accomodates alternative coax and connector implementations.

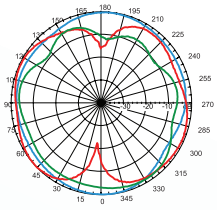
FEATURES RoHS

- Wide-band frequency coverage for GSM, DCS, and UMTS
- Tri-port design eliminates costly diplexers
- Neutral color and dimunuitive profile

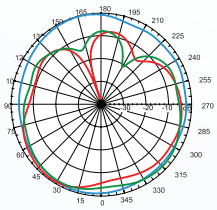
MARKETS

- Corporate offices
- Shopping malls
- Transportation centers

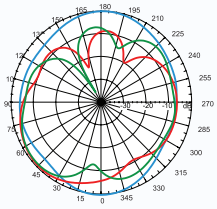
PARAMETER	SPECIFICATION
Frequency Range (MHz)	880-960, 1710-1880 1920-2170
Gain (dBi)	3 (nominal)
E-Plane Beamwidth	70° / 60° / 60°
H-Plane Beamwidth	Omni-directional
Polarization	Linear
Weight (Ant. Only) lb. (kg)	0.75 (0.34)
VSWR	2.0:1
Mount Style	Ceiling mount
Dimensions (in)	6″ x 6″ x 1.25″
Pigtail	12″
Enclosure	ABS
Power (Watts)	2
RF Connectors	N (f)



920 MHz



1795 MHz



2045 MHz

E90-Plane
E-Plane
Omni

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