



5.150-5.875 GHz WIDE-BAND OMNI ANTENNA

Laird Technologies' S5153WBPX omni antenna provides wide-band and high-gain performance in the 5.150 to 5.875 GHz band. Designed to aesthetically complement indoor environments, the antenna is also robust enough for the demanding outdoors. These characteristics give systems integrators a single antenna to be used in a wide variety of point-to-multipoint applications. Its wide bandwidth capability covers UNI I, II, and III frequencies, and WLAN standards. All-in-one package includes ceiling clip, I-beam clamp, and mast mounting hardware, eliminating the need to stock and carry separate antennas for each application.

This antenna configuration provides an excellent solution for systems installers to build out seamless microcellular and picocellular sites quickly and efficiently. Lightweight and compact, the antenna provides coverage for large indoor open spaces, locations with high ceilings, and many places where extended coverage is needed.

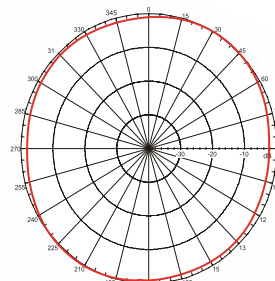
FEATURES 

- 6.0 dBi gain
- Slim aspect 11.5" x 1"
- 5150-5875 MHz frequency range

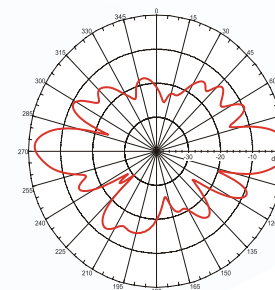
MARKETS

- Warehouses, offices, and healthcare facilities
- Educational or industrial campuses
- Shopping malls
- WiMAX

PARAMETER	SPECIFICATION
Frequency (GHz)	5.150 - 5.875
Gain (dBi)	6 (nominal)
E-Plane (3 dB beamwidth)	17°
H-Plane (3 dB beamwidth)	Omnidirectional
Polarization	Vertical Linear
Weight (Antenna Only) lb. (kg)	0.3 (0.14)
VSWR	2:1
Mounting Style	Beam, Mast, Ceiling
Dimensions (in.)	11.5 x 1.0
Pigtail	12 in
Enclosure	Acrylic/PVC
Power (Watts)	10
RF Connector	SMA



H-PLANE



E- PLANE

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