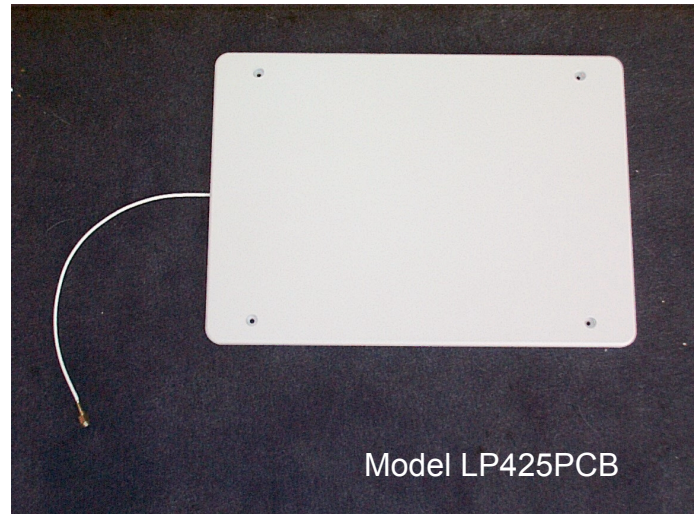
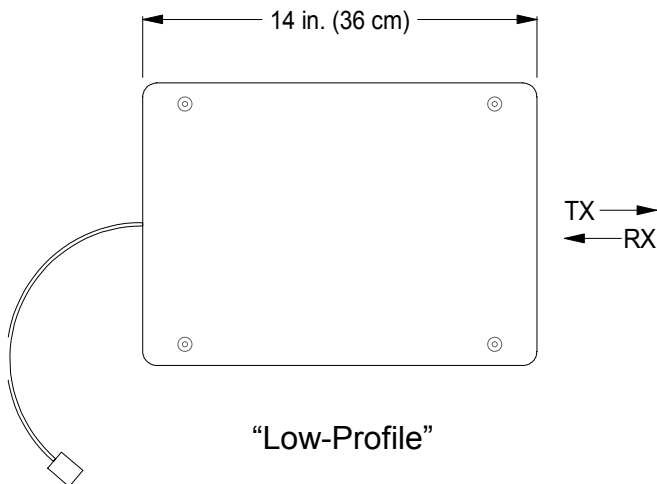


Specifications, Model LP425PCB

Frequency range:	400 – 2500 MHz
Gain:	5.5 dBi typical
Impedance:	50 ohms nominal
VSWR:	< 1.8:1
Connector:	Type N female
Pigtail Cable:	RG-316
Polarization:	Linear
Power:	25 watts cw max.
Thickness:	3/8 in. (1 cm)
Length:	14 in. (36 cm)
Width:	10 in. (25 cm)
Weight:	1.5 lbs. (0.7 kg)
Cover:	UL94VO rated ABS



Model LP425PCB is a low-profile directional antenna designed for transmitting and receiving wireless communications signals. The broadband characteristics of the log-periodic structure enable it to operate over a very wide frequency range with constant gain. Innovative design and manufacturing techniques result in long-lasting strength and performance.



The antenna is etched as a printed circuit onto a low-loss microwave substrate material. Dielectric and reactive loading of the antenna elements reduces the overall size of the structure.

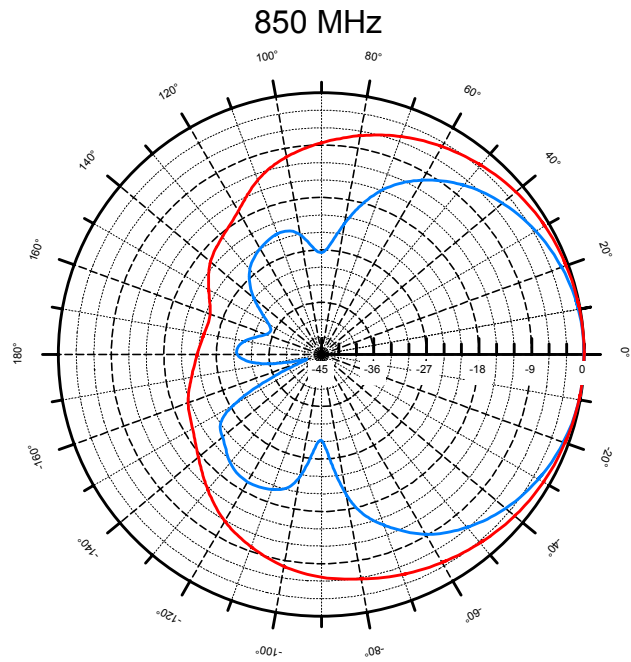
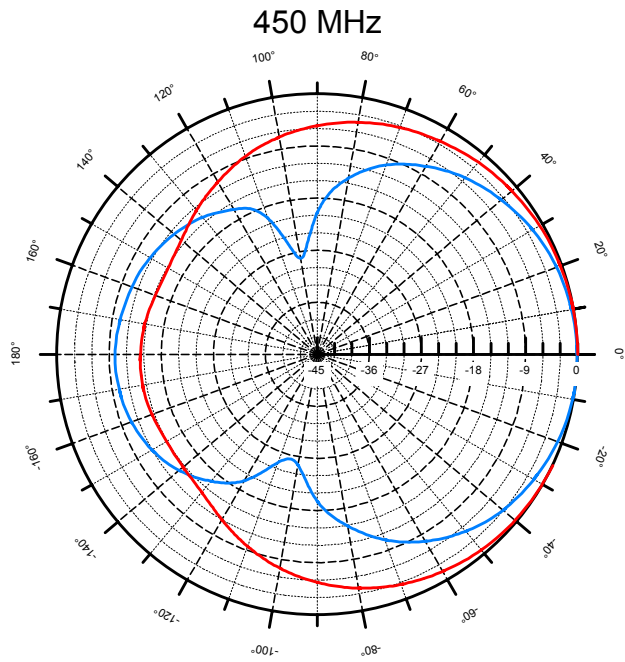
The antenna is mounted in a protective housing that is only 1 cm thick. There are four mounting holes for installation onto any flat, non-conductive surface, such as an office wall or ceiling. The pigtail cable is designed to stay “out of sight” for hollow surface applications. Plugs for the mounting holes and a neutral color let the antenna blend into any indoor environment.

Options

- Custom Colors
- Individual calibration

Applications

- Broadband wireless
- Signal monitoring and detection



E-plane ————
H-plane ————

