

Broadband Directional Antenna

400 MHz – 3 GHz

Model LP425PCB is a low-profile directional antenna designed for transmitting and receiving wireless communications signals. The broadband characteristics of the enclosed antenna 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 onto a low-loss microwave substrate material and mounted in a weather resistant housing that is only 1/2" inch thick. There are four mounting holes for installation onto any flat, non-conductive surface, such as an office wall or ceiling. Contact Scientific Hardware for information on mounting to concrete or other surfaces.

Specifications, Model LP425PCB

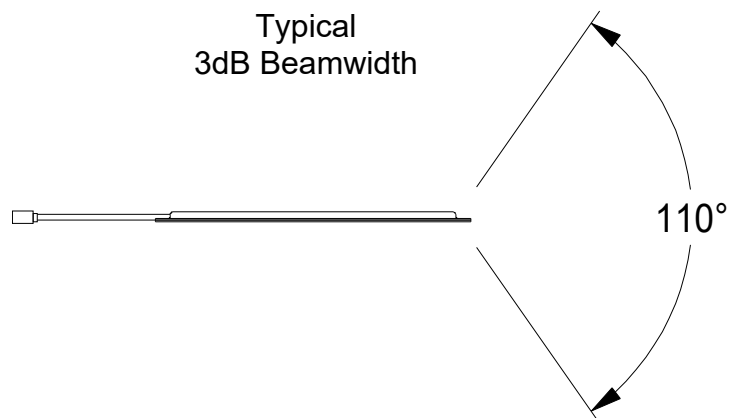
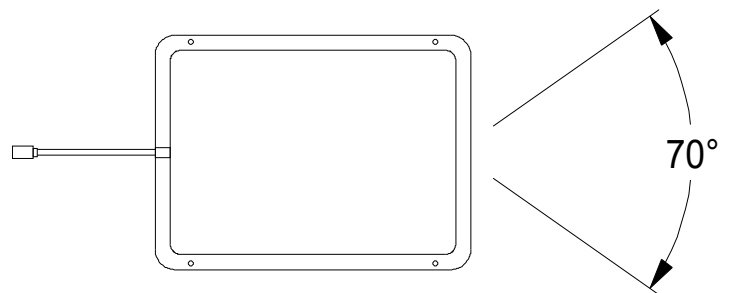
Frequency range:	400 MHz – 3 GHz
Gain:	5.5 dBi typical
Beamwidth:	See figure at right
Impedance:	50 ohms nominal
VSWR:	< 2:1
Connector:	Type N jack
Polarization:	Linear
Input power:	25 watts cw
Length x Width:	15.5 x 11.5 inches
Thickness:	0.5 inches
Pigtail length:	8 inches
Weight:	2 pounds (0.7 kg)
Cover:	UL94VO rated
Standard Color:	Polar White

Options

- Custom pigtail lengths and connectors
- Custom covers and colors
- Mounting brackets



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SCIENTIFIC HARDWARE SYSTEMS