

Airgain)))

Available Part Numbers\*  
 A2440L  
 A2440L-100  
 A2440L-100U  
 A2440L-100C

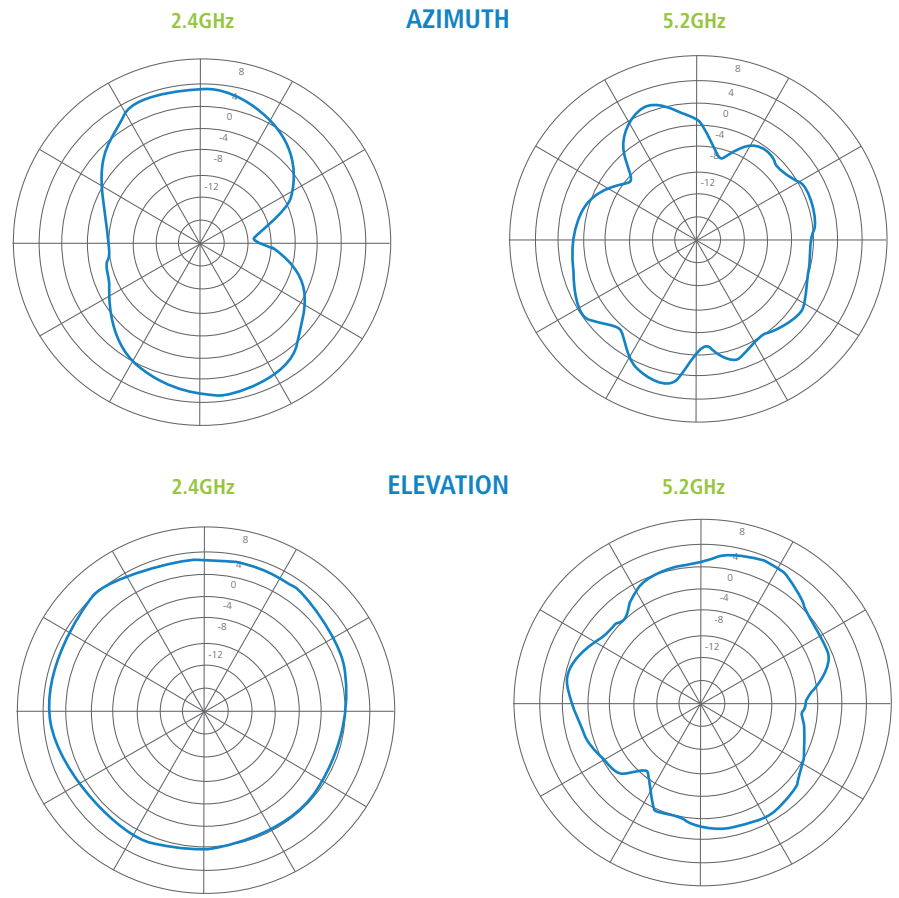


## Profile 40DL Antenna

Dual band embedded antenna for access points and client devices

Based on Airgain's patented technology, the Profile 40DL Embedded Antenna provides a high efficiency, cost effective, embedded antenna solution for Wi-Fi and ISM band applications. The Airgain Profile40DL, a dual feed, dual band antenna, provides up to 3.5dBi of peak gain. Designed to provide peak performance for routers, gateways and client devices, the Profile40DL offers the flexibility of an embedded antenna design. The Profile40DL supports dual band transmission in the 2.4GHz and 5GHz bands, and can accommodate concurrent transmission when integrated in a diplexer-based system. The complete antenna subsystem can be easily integrated into existing form factors eliminating the need for external antennas and ports while providing superior performance.

### ANTENNA RADIATION PATTERNS



### FEATURES

- > IEEE 802.11 a/b/g/n standard
- > Peak gain of 3.5dBi
- > Case mounting

### BENEFITS

- > High efficiency
- > Quick integration

\*Part # Extensions:  
 ###: cable length in mm (custom lengths avail.) U: includes U.FL connector(s) C: Ferrite Core with U.FL connector(s)

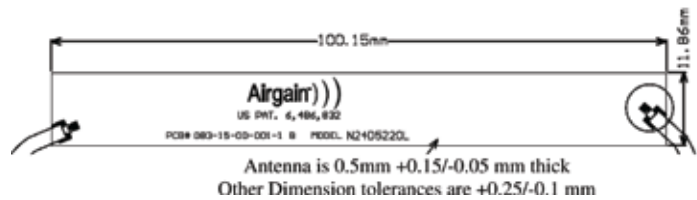
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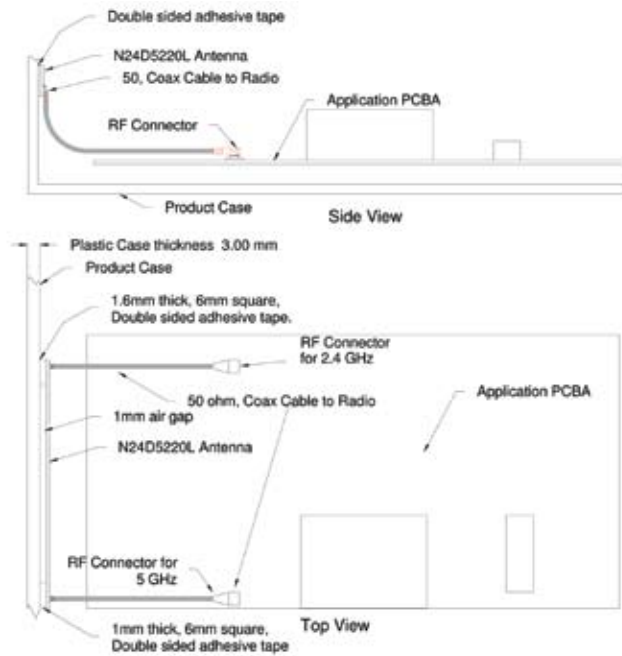
Expanding the Range of Wireless Possibilities

PRODUCT SPECIFICATIONS	
Standard	IEEE 802.11n and 802.11 b/g/a
Frequency Band	2.4 to 2.49 GHz, 4.9 to 5.7 GHz
Peak Gain	3.5 dBi @2.44GHz, 3.5 dBi @5.2GHz
VSWR	2:1 Max
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	Two 50 ohm, 1.13mm diameter, micro coax cables, U.FL compatible cable connector (optional) Cable mounted EMI ferrites (optional)
Antenna Dimensions	100.15 x 11.86 x 0.5 (mm)
Weight	1 g (0.04 oz)

## MECHANICAL DIMENSIONS



## MOUNTING



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