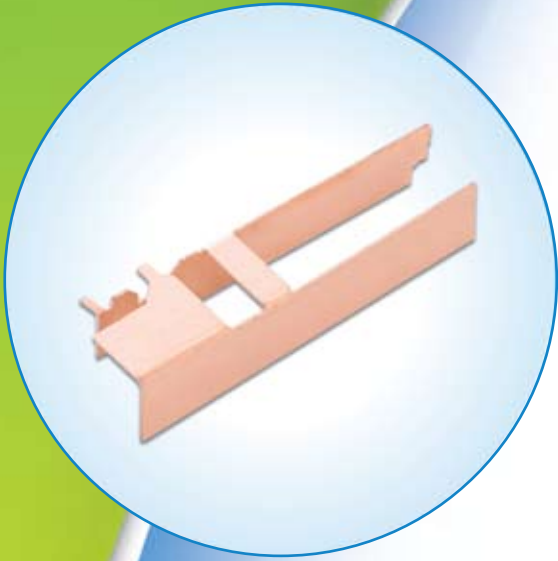


Airgain)))

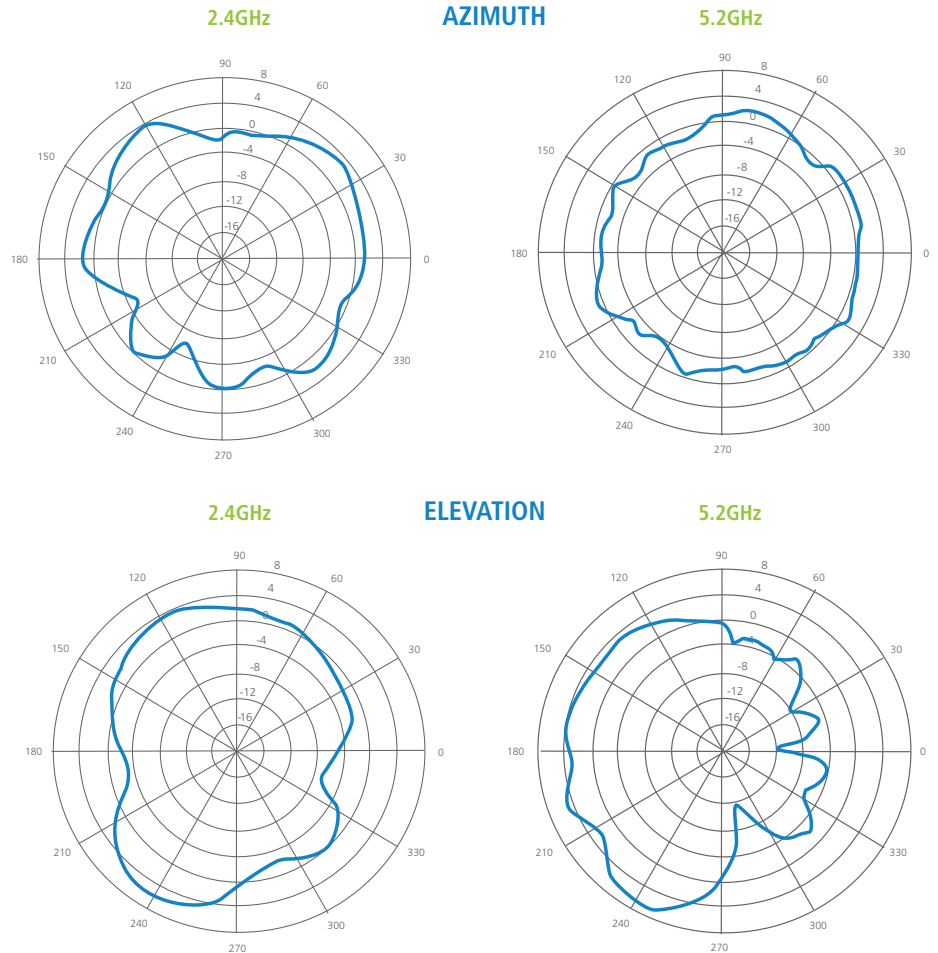


Ultra 60DL Antenna

High gain, on board mounted embedded antenna for easy integration

The Ultra 60DL Embedded Antenna provides a high efficiency, dual band embedded antenna solution for Wi-Fi and ISM applications in the 2.4GHz and 5GHz bands. As efficient embedded antenna solutions become the focus of next generation wireless product design, the Ultra DL antenna provides the combination of small size with top performance. This antenna was designed to accommodate most WLAN applications, such as access points, routers and gateways. The Ultra 60DL can be easily integrated into a PCB design.

ANTENNA RADIATION PATTERNS



FEATURES

- IEEE 802.11 a/b/g/n standard
- On-board, PCB mounting
- 6 dBi peak gain

BENEFITS

- Low Profile
- High efficiency
- Quick integration

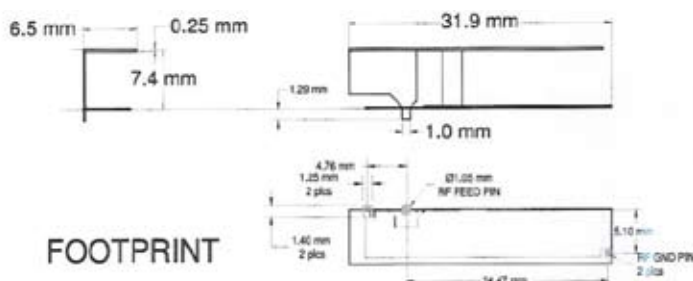
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Expanding the Range of Wireless Possibilities

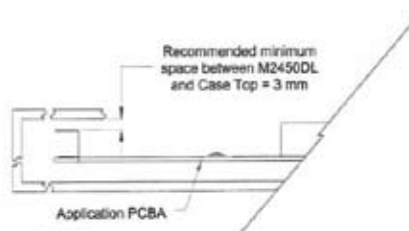
PRODUCT SPECIFICATIONS	
Standard	IEEE 802.11n and 802.11 a/b/g
Frequency Band	2.4 to 2.49 GHz, 4.9 to 5.9GHz
Peak Gain	5 dBi @2.44GHz, 6 dBi @ 5.2 GHz
VSWR	2:1 Max
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	1 Through Hole soldering pin, and 2 SMT leads for 50 ohm, Microstripline pcb trace
Dimensions	31.9 x 6.5 x 7.4 (mm)
Weight	1 g (0.04 oz)

MECHANICAL DIMENSIONS

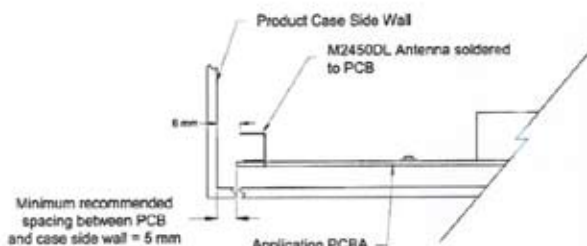


FOOTPRINT

MOUNTING



Side View
Case Top Considerations for
PCB Mounting M2450DL



Side View
PCB Mounting M2450DL

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