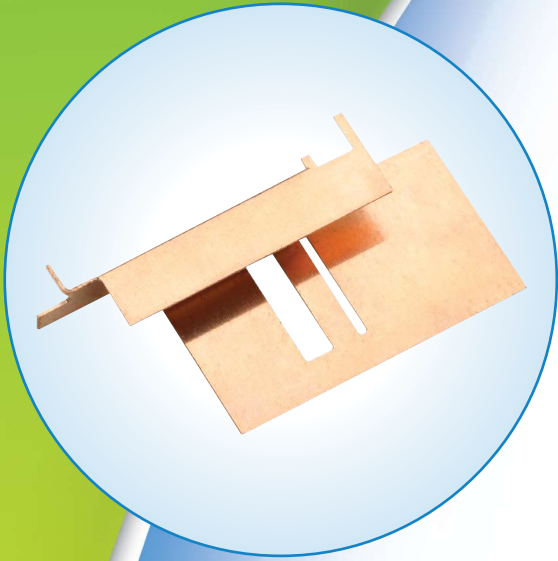


Airgain)))

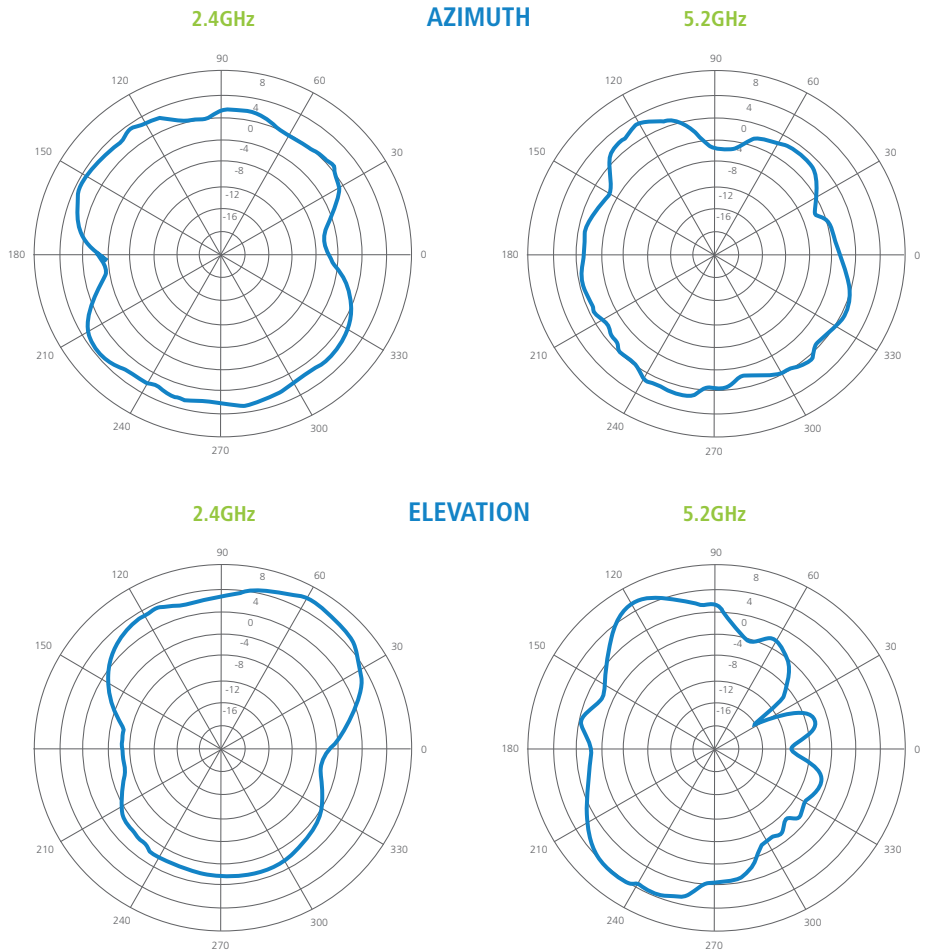


Ultra 60DB Antenna

High gain, PCB mounted embedded antenna for easy integration

Based on Airgain's patented technology, the Ultra 60DB Dual Band Embedded Antenna provides a high efficiency, embedded antenna solution for Wi-Fi and ISM band applications. As embedded antenna solutions become the focus of next generation wireless product design, the Ultra 60DB provides the flexibility of an embedded antenna with top performance. This antenna was designed to accommodate most WLAN access point applications, such as routers and gateways. The Ultra 60DB can be easily integrated onto a board in a product design.

ANTENNA RADIATION PATTERNS



FEATURES

- 802.11 a/b/g/n standard-compatible
- On-board mounting along any board edge
- 4 dBi peak gain

BENEFITS

- Eliminates external dipole
- Enables quick integration
- Achieves high performance

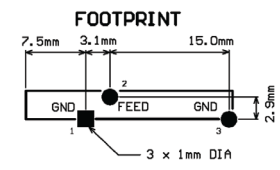
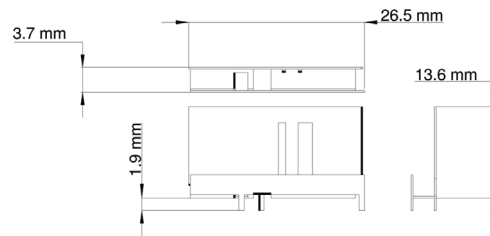
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Expanding the Range of Wireless Possibilities

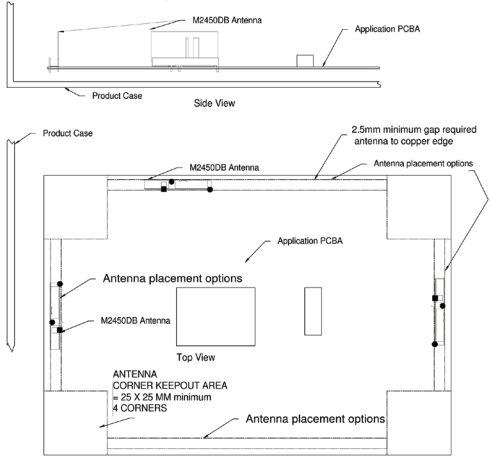
PRODUCT SPECIFICATIONS	
Standard	IEEE 802.11a/b/g/n
Frequency Band	2.4 to 2.49 GHz, 4.9 to 5.9GHz
Peak Gain	4.0 dBi @2.44GHz, 4.0 dBi @5.2GHz
VSWR	2:1 Max
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	3 Through Hole soldering pins for transmission line connections on pcb
Dimensions	3.7 x 13.6 x 26.5 (mm)
Weight	1 g (0.04 oz)

MECHANICAL DIMENSIONS



MOUNTING

Ultra 60DB antennas can be simply mounted on a printed circuit board. This simplifies ID design and also shortens product cycle. Antenna performance remains consistent over different mounting locations along the edges of the application PCB.



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