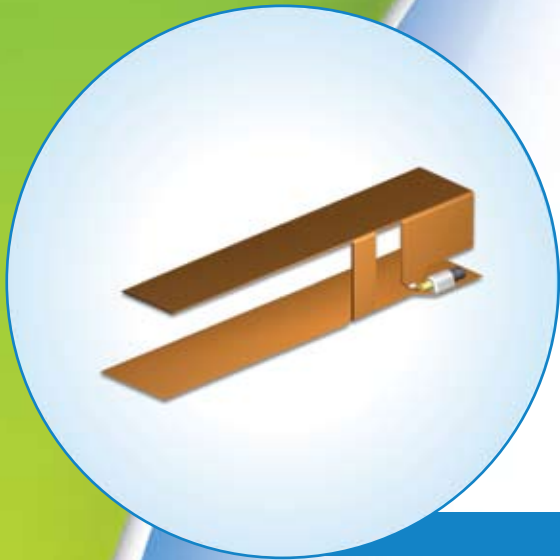


Airgain)))

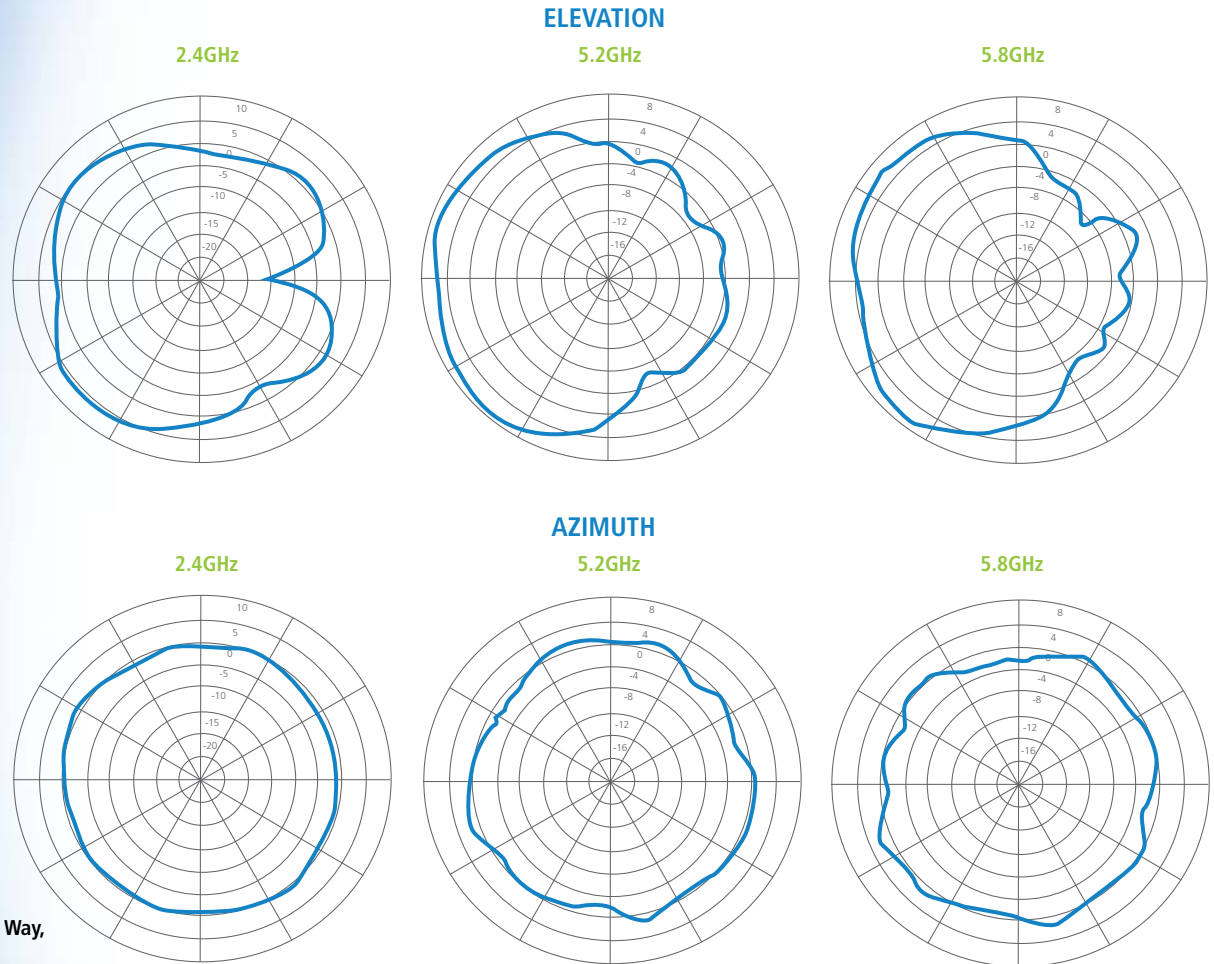


Ultra 60DC Antenna

High gain, case mounted embedded antenna for easy integration

The Ultra 60DC 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 60DC 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 60DC is optimized for mounting on a printed circuitboard utilizing micro coax cable RF interface. It can be easily integrated into a PCB design.

ANTENNA RADIATION PATTERNS



Airgain USA
 sales@airgain.com
 1930 Palomar Point Way,
 Suite 107
 Carlsbad, CA 92008
 +1 760 579 0200

Airgain Taiwan
 asiasales@airgain.com
 7F, No. 506, Syecian Road
 Shulin City, Taipei County 23853
 Taiwan, R.O.C.
 +2 2929 4460

FEATURES

- ▶ IEEE 802.11 a/b/g/n standard
- ▶ Plastic case mounting

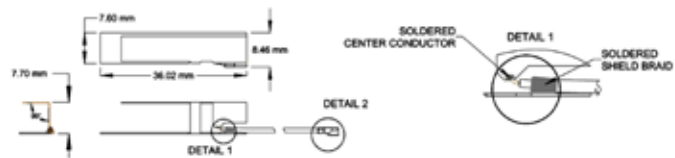
BENEFITS

- ▶ High efficiency
- ▶ Quick integration

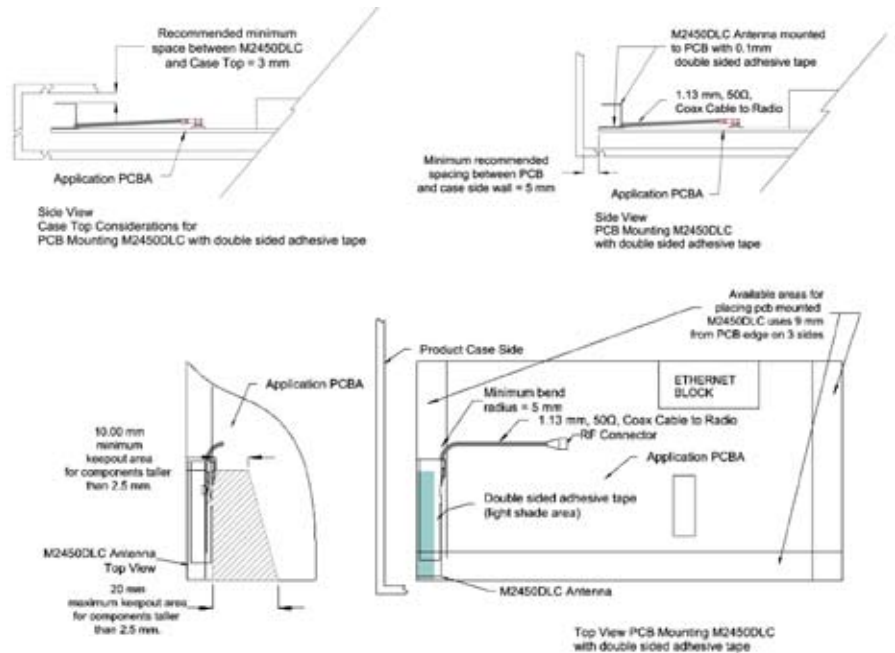
Expanding the Range of Wireless Possibilities

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	5.5 dBi @2.44GHz, 5 dBi @ 5.2 GHz
VSWR	2:1 Max
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	50 ohm, 1.13mm diameter, micro coax cable, U.FL compatible cable connector (optional) Cable mounted EMI ferrites (optional)
Dimensions	36 x 8.5 x 7.7 (mm)
Weight	1.7 g (0.06 oz)

MECHANICAL DIMENSIONS



MOUNTING



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