

Airgain)))

Available Part Numbers*
 A2460DU
 A2460DU-100
 A2460DU-100U
 A2460DU-100C

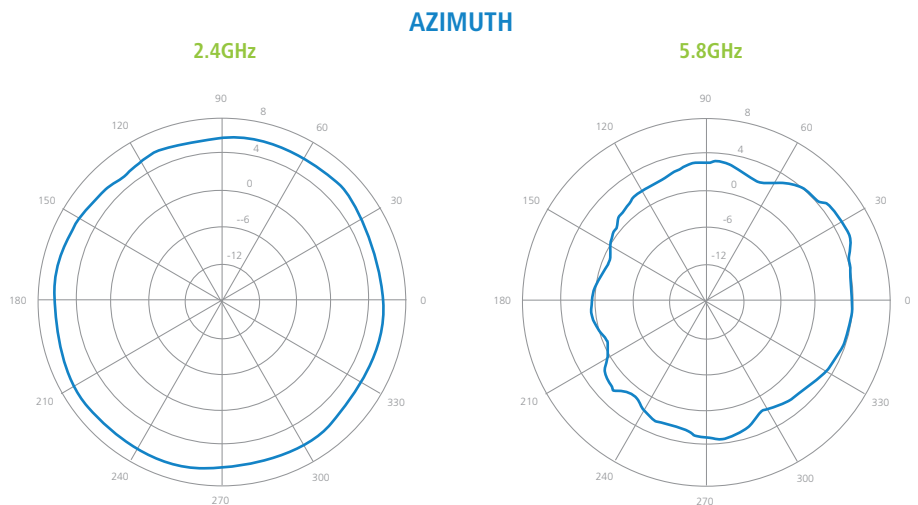


Profile 60D Antenna

High gain dual band antenna for MIMO devices

The Airgain Profile60D is a high gain dual band antenna that provides up to 6.0dBi of peak gain and up to 150 percent greater signal strength than a conventional dipole antenna. The Profile60D 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

- Fully compatible with 802.11b/g/a and 802.11n equipment
- Peak gain 6dBi at 2.4GHz; 4dBi at 5.2GHz
- On-board or case mount can be easily integrated into existing form factors

BENEFITS

- Eliminates external dipole antennas without sacrificing performance
- Can be mounted on external case, simplifying ID design and shortening product development cycle
- Superior performance in both vertical and horizontal orientations

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

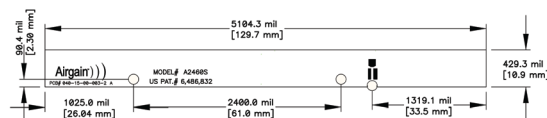
***Part # Extensions:**

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

Expanding the Range of Wireless Possibilities

PRODUCT SPECIFICATIONS	
Standard	IEEE 802.11b/g/a and 802.11n
Frequency Band	2.4 to 2.49 GHz and 4.9 to 5.7 GHz
Peak Gain	6.0 dBi @2.44GHz, 4.0 dBi @5.2GHz (excludes 1dB cable loss)
VSWR	2:1 Max
Polarization	Linear, vertical
Dimensions	130L x 11H x 1W mm
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	One set of soldering pads for 50 ohm, 1.13mm diameter, micro coax cable
Temperature	Operating: 0 to 60°C; Storage -20 to 70°C
Humidity	Operating: 0 to 70%; Storage 0 to 95% non-condensing
Compliance	FCC Part 15 Class B; RoHS compliant

MECHANICAL DIMENSIONS



Information in this document is provided in connection with Airgain™ products. No license, express or implied, to any intellectual property rights is granted by this document. Except as provided in Airgain's Terms and Conditions of Sale for such products, Airgain assumes no liability whatsoever, and Airgain disclaims any express or implied warranty, relating to sale and/or use of Airgain products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Airgain may make changes to specifications and product descriptions at any time, without notice. for the most current product information, please visit: www.airgain.com

Copyright ©2009. Airgain, Inc. All rights reserved. Airgain and the Airgain logo are trademarks of Airgain, Inc. DS/Pro60D/0209