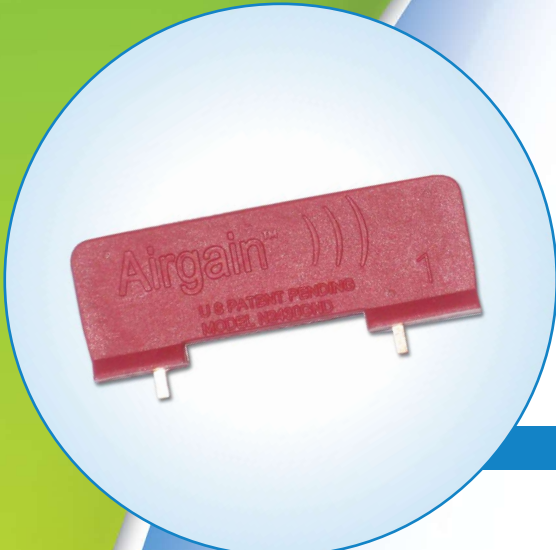


Airgain)))

Available Part Numbers*
 N2430GND
 N2430GND-100
 N2430GND-100U
 N2430GND-100C

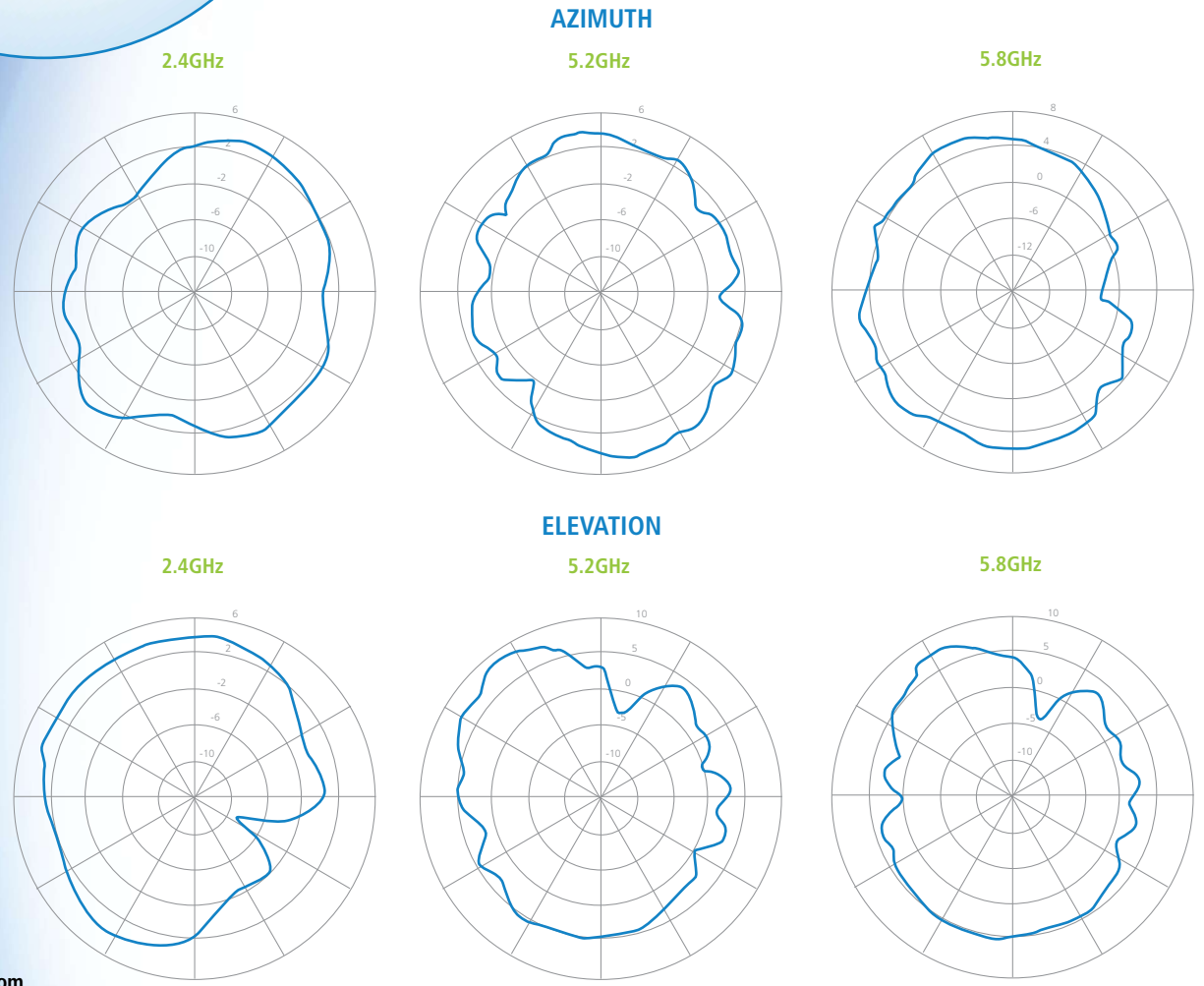


Profile 30D Antenna

Dual band, high gain antenna for Wi-Fi and ISM applications

Using Airgain's patented technology, the Profile30D antenna provides a high gain, on-board antenna solution for Wi-Fi and ISM band applications. As embedded antenna solutions become the focus of next generation wireless product design, the Profile30D provides the flexibility of an embedded antenna without sacrificing performance. The Profile30D antenna was designed to accommodate most WLAN access point applications, such as routers and gateways, with a low cost, low profile, enhanced performance design.

ANTENNA RADIATION PATTERNS



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*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 802.11n and 802.11 a/b/g |
| Frequency Band | 2.4 to 2.49 GHz, 4.9 to 5.9 GHz |
| Peak Gain | 4dBi @2.44 GHz, 6dBi @ 5.2 GHz, 6dBi@5.8GHz |
| VSWR | 2:1 Max |
| Feed Impedance | 50 Ohms |
| Power Handling | 30 dBm |
| Interface | Two, 1 mm x 2.4 mm, Through hole pins for 50 ohm microstripline trace |
| Antenna Dimensions | 34.0 x 12.2 x 5 (mm) |
| Weight | 1.5 g (0.053 oz) |

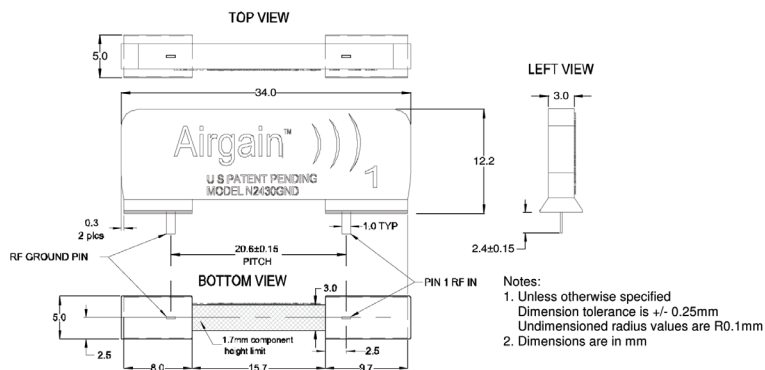
FEATURES

- Fully compatible with 802.11a/b/g/n equipment
- Peak gain up to 4dBi at 2.44 GHz, 6dBi at 5.2 GHz and 6dBi at 5.8 GHz
- Reliable through-hole mounting
- Low cost, low profile design

BENEFITS

- Eliminates external dipole antennas without sacrificing performance
- Simplify product design and improve time to market
- Superior performance in both vertical and horizontal orientations

MECHANICAL DIMENSIONS



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