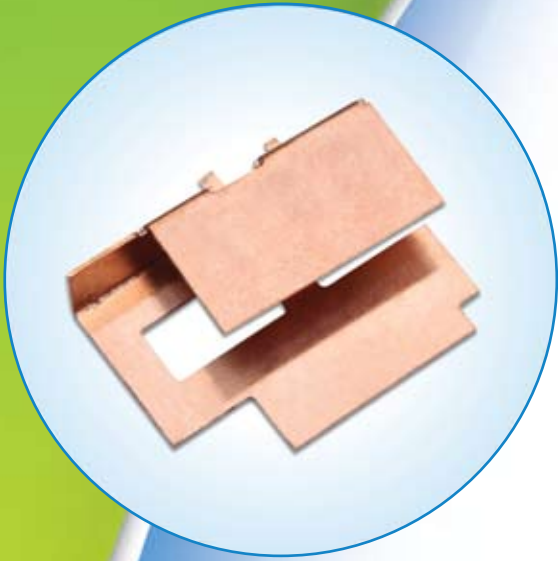


# Airgain

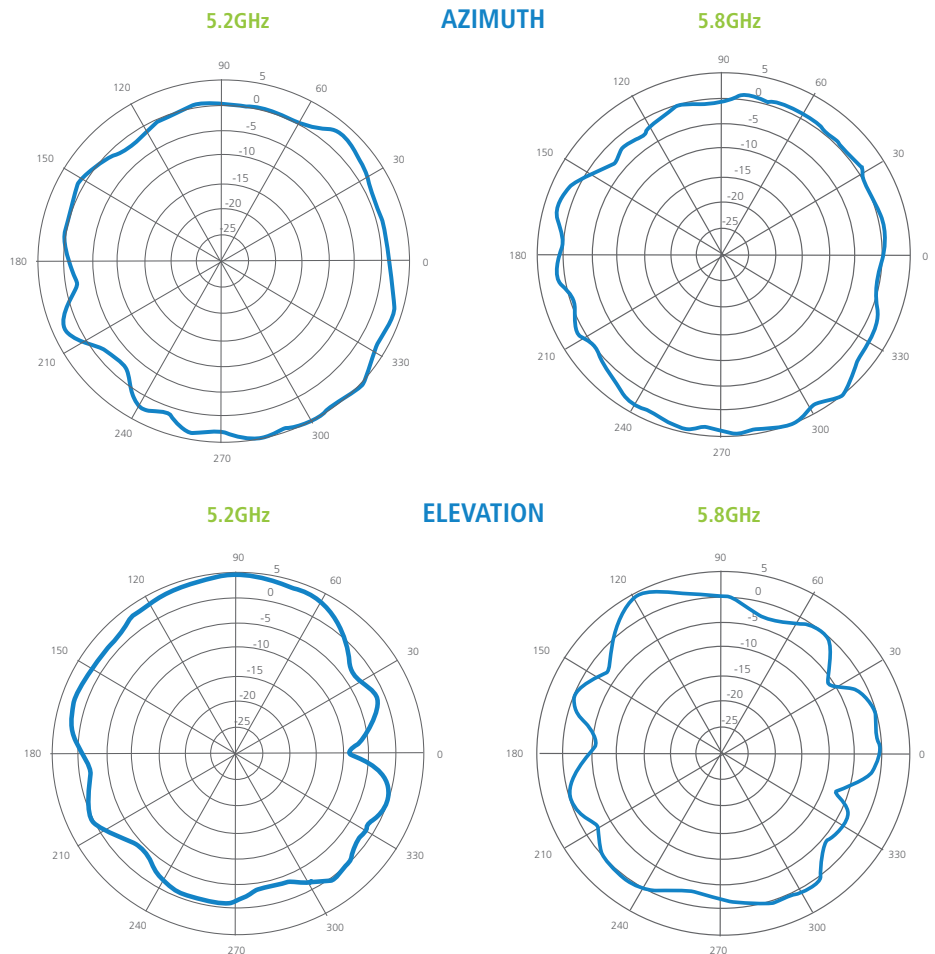


## Ultra 540T Antenna

High gain, stamped metal embedded antenna for easy integration

The Ultra 540T Embedded Antenna provides a high efficiency, embedded antenna solution for Wi-Fi and ISM applications using the 5GHz band. As compact embedded antenna solutions become the focus of next generation wireless product design, the Ultra 540T provides the flexibility of an embedded antenna with small profile and top performance. The Ultra 540T's through hole board mounting design provides a low cost option and will accommodate most WLAN access point applications, such as routers and gateways.

### ANTENNA RADIATION PATTERNS



#### FEATURES

- IEEE 802.11 a/n standard
- On-board mounting
- Performance is consistent for mounting locations along any board edge
- 5 dBi @5.2GHz peak gain

#### BENEFITS

- High efficiency
- Quick integration
- High peak gain

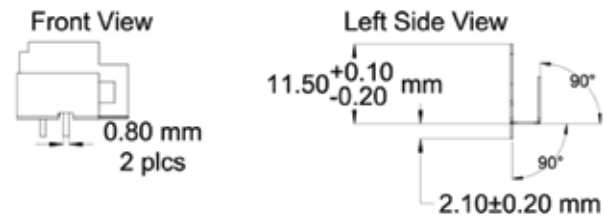
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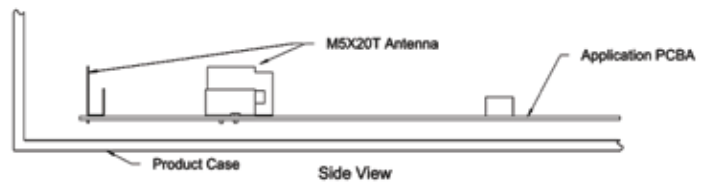
Expanding the Range of Wireless Possibilities

PRODUCT SPECIFICATIONS	
Standard	IEEE 802.11n and 802.11 a
Frequency Band	4.9 to 5.9 GHz
Peak Gain	5 dBi @5.2GHz, 5.2 dBi @ 5.8 GHz
VSWR	2:1 Max
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	2 Through Hole soldering pins, for 50 ohm, Microstripline pcb traces
Dimensions	16.1 x 4.7 x11.1 (mm)
Weight	0.6 g (0.02 oz)

## MECHANICAL DIMENSIONS



## MOUNTING



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