



SG901-1066 Integrated Wi-Fi Antenna

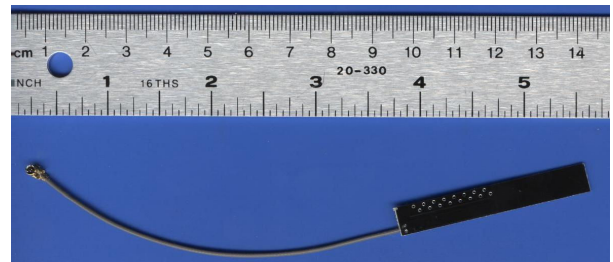
Overview

The SG901-1066 is a small highly integrated high efficiency, low gain, embedded antenna solution for WLAN products. The focus of this antenna is for next generation wireless product design. It provides the flexibility of an embedded antenna with top performance. The Embedded Antenna was designed to accommodate most WLAN applications, such as routers and gateways. The product can be easily integrated onto a board or into an ID package design.

Features

The SG901-1066 Embedded Antenna is defined by the following features:

- IEEE 802.11 b/g/n standards
- Case mount with 10 cm cable
- 3.8 dBi peak gain, 1 db cable loss excluded
- High efficiency
- Quick integration
- RoHS compliant



Ordering Information

SG901066-C: Bulk only

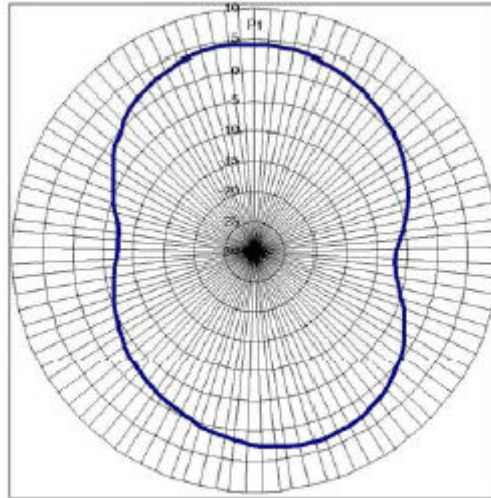
Note: Cable length is available in different lengths, please call Sagrad Sales for details.



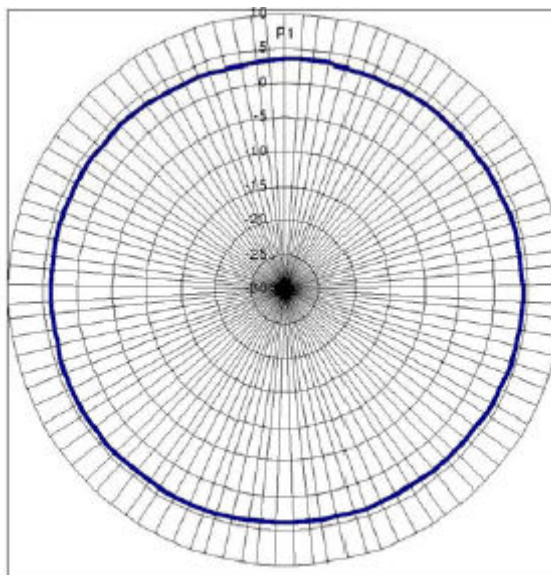
Radiation Patterns

Patterns for Free Standing Antenna

Patterns taken on 90mm x 90mm x 2.2mm thick, ABS Plastic sheet using 1.6mm double sided tape.



Measured Azimuth Radiation Pattern



Measured Elevation Radiation Pattern