



Laird's Revie Prime printed circuit board (PCB) antenna can be placed on the inside of a non-metallic housing, allowing it to be hidden almost anywhere while providing an invisible solution for many applications. The combination of multiple frequency bands and an omnidirectional pattern offers a variety of uses suited for indoor applications. The antenna is specifically designed for internal applications covering the 850/900/1800/1900 and UMTS bands.

FEATURES AND BENEFITS

- Lightweight and small form factor
- Easily mounts to inside of device housing
- Complements Laird's GSM module offerings
- Various cable and connector options
- RoHS Compliant (2011/65/EU)
- Patent pending design

| ELECTRICAL SPECIFICATIONS | | |
|---------------------------|------------------|-----------|
| Operating Frequency (MHz) | 824-960 | 1710-2170 |
| Gain (dBi) | 2.20 | 3.80 |
| VSWR | 3.0:1 | 2.5:1 |
| Average Efficiency | 55% | 69% |
| Polarization | Linear, vertical | |
| Impedance (ohms) | 50 | |

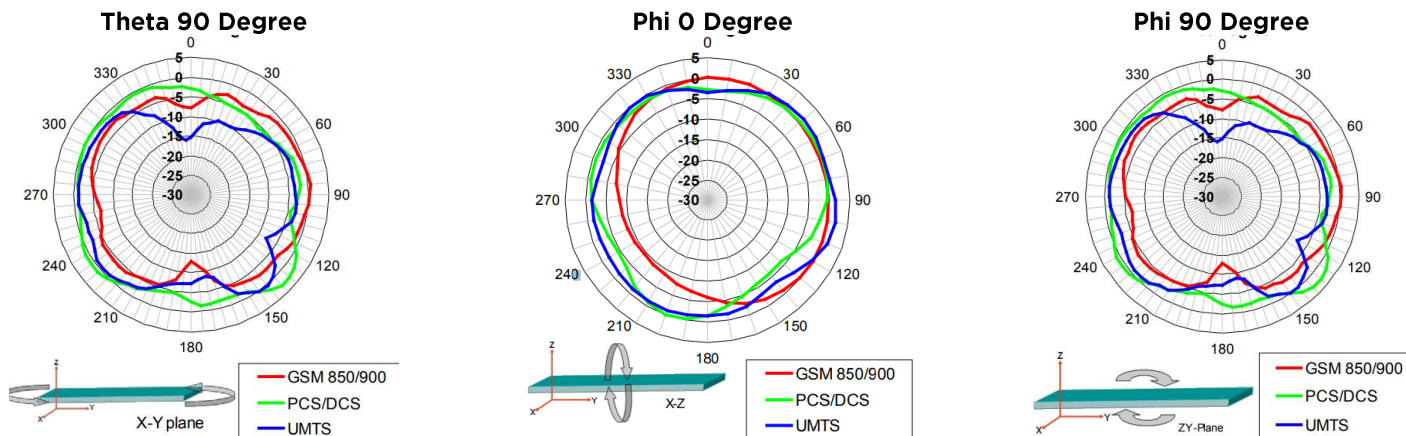
| MECHANICAL SPECIFICATIONS | | |
|-----------------------------------|-------------------------------------|--|
| Dimensions – L x W x H – mm (in.) | 70 x 20 x 0.8 (2.76 x 0.79 x 0.031) | |

| ENVIRONMENTAL SPECIFICATIONS | |
|-----------------------------------|------------------------------|
| Operational Temperature – °C (°F) | -40 to +75°C (-40 to +167°F) |
| Hazardous Materials Compliance | RoHS Compliant (2011/65/EU) |

CONFIGURATION

| PART NUMBER | CABLE | CONNECTOR |
|-----------------|---------------------------|-----------|
| EPR8221A1-13UFL | 127 mm (1.13 mm diameter) | IPEX MHF |
| EPR8221A1-15UFL | 152 mm (1.13 mm diameter) | IPEX MHF |

RADIATION PATTERNS



Americas: +1.847.839.6925
IAS-AmericasSales@lairdtech.com
Europe: +44.1628.858941
IAS-EUSales@lairdtech.com
Asia: IAS-AsiaSales@lairdtech.com
Middle East and Africa:
+44.1628.858941
IAS-MEASales@lairdtech.com
<https://connectivity.lairdtech.com>



Laird warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations Laird will, at its option, either repair or replace any part of its products that prove defective because of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the Laird product is installed. Useful lifetime of the original end product may vary but is not to exceed five (5) years from the original date of the end product purchase.

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request.

© Copyright 2018 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trademarks or registered trademarks of Laird Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.

