



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

- Lightest, smallest Revie antenna
- Easily mounts to the inside of device housing
- Complements Laird's GSM module offerings
- Various cable and connector options
- RoHS compliant
- Patent-pending design

ELECTRICAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Dimensions – mm (inches)	70.0 x 20.0 x 0.2 (2.76 x 0.79 x 0.008)
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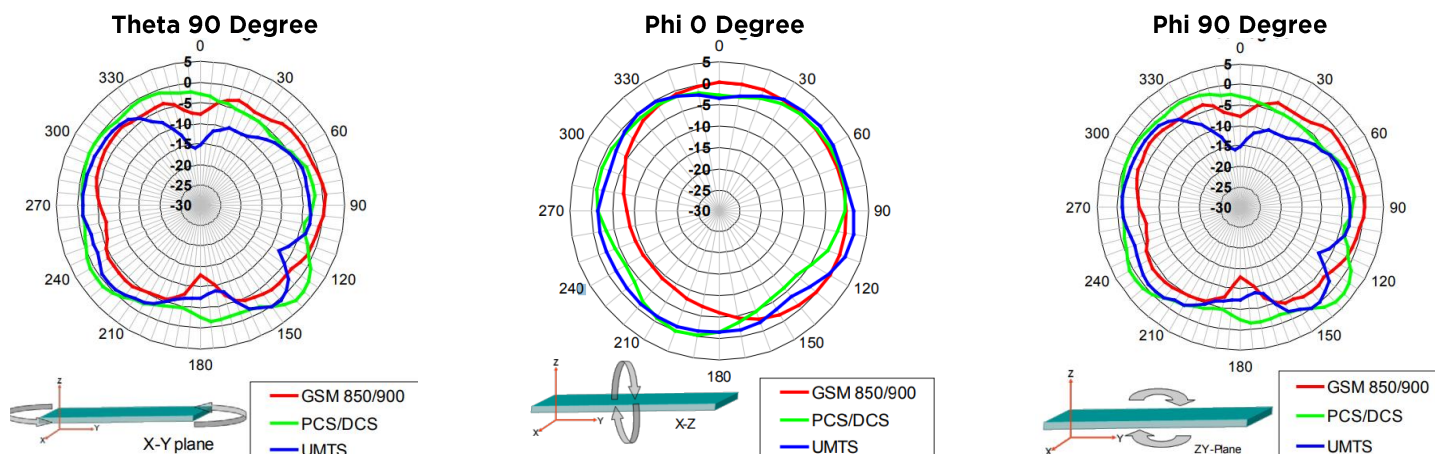
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature – °C (°F)	-40 to +75°C (-40 to +167°F)
Material Substance Compliance	RoHS

CONFIGURATION

PART NUMBER	CABLE LENGTH	CONNECTOR
EPL8221A1-10UFL	100 mm (1.13 mm diameter)	IPEX MHF
EPL8221A1-13UFL	127 mm (1.13 mm diameter)	IPEX MHF
EPL8221A1-15UFL	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>



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