



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

	824-960	1710-2170
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)
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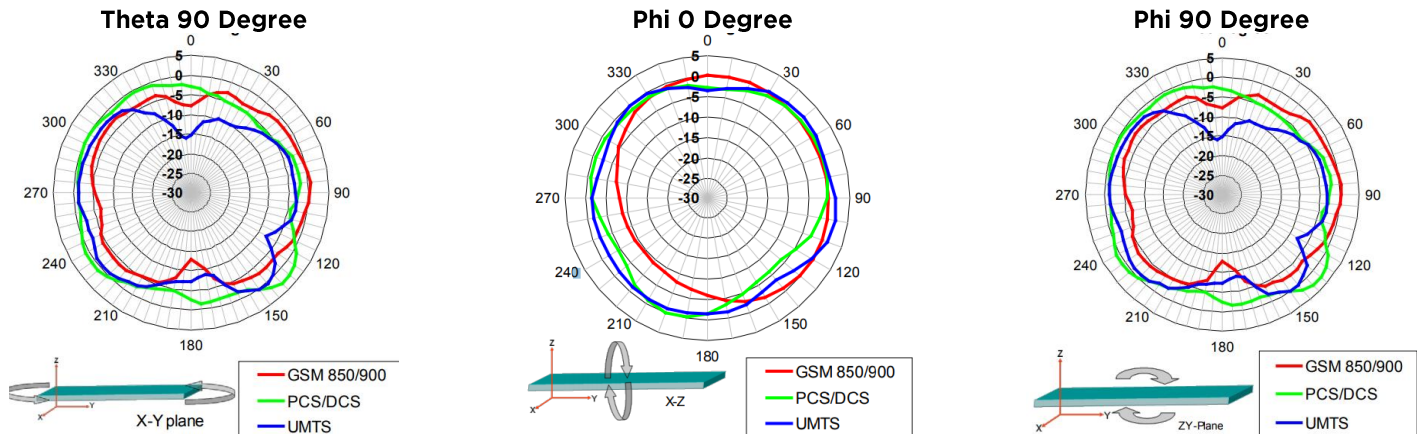
ENVIRONMENTAL SPECIFICATIONS

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



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