

## **Revie Prime**

## 850/900/1800/1900 and UMTS Internal Pentaband PCB Antenna



### **REVIE PRIME INTERNAL PENTABAND PCB ANTENNA**

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 ✓**RoHS

- Multi-band operation: 824 MHz 960 MHz, 1710 MHz – 2170 MHz
- Available in various cable and connector configurations
- Lightweight and small form factor
- Easily mounts directly to inside of device housing
- Conformance to RoHS
- Patent pending design

## **MARKETS**

- Wireless Terminal
- POS, Vending Machine
- M2M (Machine-to-Machine)
- AMR (Meter Reading)
- Telemetry
- Security

SPECIFICATIONS		
Frequency	824 MHz – 960 MHz, 1710 MHz – 2170 MHz	
Gain	2.20 dBi @ 900 MHz, 3.80 dBi @ 2000 MHz	
Input Impedance	50 Ohm	
Polarization	Linear, Vertical	
VSWR	3.0:1 @ 900 MHz, 2.5:1 @ 2000 MHz	
Average Efficiency	55% @ 900 MHz, 69% @ 2000 MHz	
Dimensions	70 x 20 x 0.8 mm	
Operational Temperature	-40°C to +75°C	
Mount Style	Internal	
RoHS	Compliant	

Note: There will be some variance of spec with different type of cable, different length of cable and connector. The performance may vary according to the device concept. The antenna is optimized for 5 inch-6 inch cable length as baseline design.

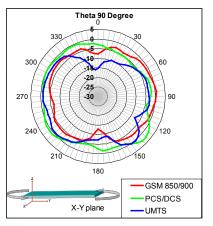
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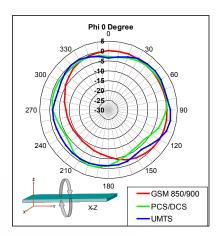


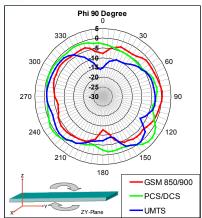
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### **ANTENNA PATTERNS**







## **SYSTEM ORDERING INFORMATION**

Part No.	Cable	Connector
EPR8221A1-13UFL	127 mm, Ø 1.13 mm (5 inch)	IPEX MHF
EPR8221A1-15UFL	152 mm, Ø 1.13 mm (6 inch)	IPEX MHF

## ANT-DS-REVIE PRIME 0316