



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

- 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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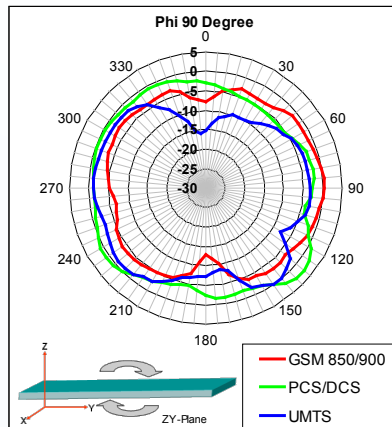
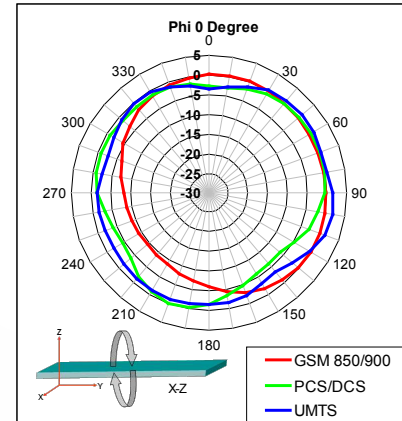
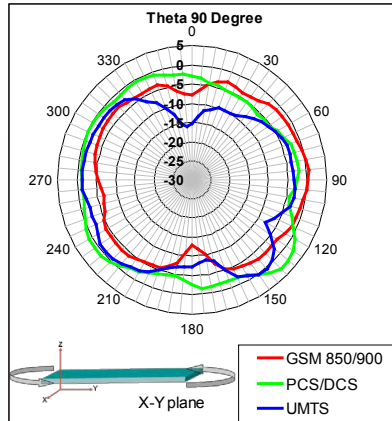
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ANTENNA PATTERNS



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

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