



C&T RF Antennas Inc

<https://lcantennas.com/>

<https://ctrfantennasinc.com/>

<https://pcbantennas.com/>

Welcome to C&T RF Antennas Inc

C&T RF Antennas Inc's embedded/internal antennas are designed to directly integrate into devices requiring wireless capability. By embedding these antennas directly into a device, the need for external antennas is eliminated. These highly efficient low profile FPCB-based antenna solutions are ideal for embedded applications requiring integration flexibility.

In addition to our standard embedded antenna offerings, C&T RF Antennas Inc's engineering can also custom design embedded antenna solutions to meet specific customer applications. This may include:

Custom shape and sizes

Mounting options such as double sided tape to mounting holes in the FPCB

Custom cable lengths and type

Multiple connector options including MMCX, U.FL SMA

Frequency and gain

Omni-directional or directional type

Please contact us for the free design or bring your own design to make it come true

Mobile: 0086-13412239096

Tel: 0086-769-89879312

Inquiry Email: cocolu@ctrfantennas.com Zip Code: 523863

Address: NO. 51 of Xida Rd Shatou Changan, Dongguan, China



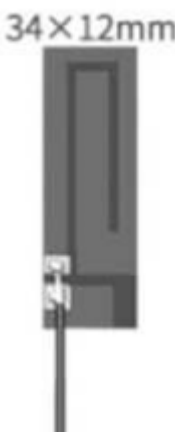
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915MHz Flex PCB Antenna

Electrical Specifications		Picture
RF Antenna Type	Embedded FPC Antenna	
Model	CTRF-ANTENNA-FPC-7027-3412-IPEX-4CM	
Frequency Center	915MHz	
Gain	3dBi	
VSWR	≤2.0	
Impedance	50 Ω	
Polarization	Vertical Polarization	
Cable Type	RG1.13	
Connector	U.FL/IPEX	
Cable Length	40mm	
Lightning Protection	DC-Ground	
Mechanical Specifications		
FPC Board Dimension	34*12mm	
Weight	Approx. 3g	
Material	Flexible PCB	
Operation Temperature	-40°C ~ +85°C	
Storage Temperature	-40°C ~ +80°C	
Color	Black	
Antenna Design	Dipole Array	
Mounting	Connector	
SafetyEmission and other	RoHS Compliant	
Applications	Public Safety/LMR/P25/TETRA, ISM/SCADA/Utilities, RFID, IoT/LoRa/M2M, etc.	

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Antenna - Radiation Pattern Test Data

