

L-FLEX ANTENNA

L-FLEX LTE Multiband Flexible PCB Antenna

The L-Flex 4G/LTE multiband internal flexible PCB antenna is a practical solution for integrating into wireless applications. Based on a flexible PCB, the L-Flex can be mounted on the inside of curved enclosures thereby optimising product real estate. With superior gain and performance figures the L-Flex is an ideal solution for LTE terminals, security systems and access devices.



Applications

- ▶ Wireless Kiosks
- ▶ Access Points
- ▶ Security Systems
- ▶ Wireless Terminals
- ▶ Portable Devices

Key Features

- ▶ Flexible Internal PCB Antenna
- ▶ Covers 4G/LTE Multiband Frequencies
- ▶ Groundplane Independent
- ▶ Various Cable/Connector Options
- ▶ Mount onto non-Metal Surface

ELECTRICAL SPECIFICATIONS

Frequency Range	Peak Gain	VSWR	Input Power	Impedance	Polarization
690-960 / 1710-2170 / 2500-2700 MHz	2.6 / 3.0 / 2.9 dBi	<2.5:1	10w	50 Ohm	Linear

MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	PCB Material	IP-Rating	Mounting
137 x 33 mm (l x w)	RG178, RG174, RG316 or Microcoax	SMA-Male (RP-SMA, MMCX and U.FL optional)	Flexi PCB	None	Adhesive Mount

POPULAR ORDERING OPTIONS

FLFX35349-UF-10	L-Flex Antenna with 100mm microcoax and U.FL connector
FLFX35349-SM-10	L-Flex Antenna with 100mm RG178 and SMA-Male connector
FLFX35349-MCF4-10	L-Flex Antenna with 100mm Microcoax and MCF connector