

Panel Mountable USB Lightning / Surge Protector with Pigtail - USB Type A/B Model: AL-ECF504-ABxx

Applications

- WiFi Adapters
- Serial adapters
- Phone and DSL Modems
- Surveillance Cameras
- Printers and computer peripheral devices

Features

- USB 1.0 and 2.0 compatible
- Power and data line protection
- Allows USB cables to be passed through panels or enclosures
- Shielded housing with shielded pigtail cable in lengths from 12" to 72"
- Type A Female Bulkhead to Type B Male connectors



Description

L-com's AL-ECF504-ABxx series USB surge protectors are a commercial quality device designed to protect a computer's sensitive USB ports from power surges and spikes from attached devices. To ensure USB 2.0 speeds, the device uses ultra-low capacitance diodes to protect the data lines. In addition, a protection device clamps the power lines to safe levels. This USB surge protector is ideal for protecting a PC from WiFi client adapters and surveillance cameras used with long USB extender cables. Other uses include protection from surges when using USB-RS422/485 converters with long cables.

The AL-ECF504-ABxx can be mounted in an enclosure, panel, wall plate, or used in-line as a standalone product. It features a fully shielded pigtail cable available in lengths from 12" to 72".

Specifications

Model Number	Overall Length
AL-ECF504-AB12	12 in. (304.8mm)
AL-ECF504-AB24	24 in. (609.6mm)
AL-ECF504-AB36	36 in. (914.4mm)
AL-ECF504-AB48	48 in. (1219.2mm)
AL-ECF504-AB72	72 in. (1828.8mm)

Electrical Specifications

Data Line Clamping Voltage	5.4 Volts
Power Line Clamping Voltage	6.5 Volts
Input Connector	USB A Female Bulkhead
Output Connector	USB B Male

Mechanical Specifications

Enclosure Material	Nickel Plated ABS Plastic
Cable Outer Jacket Material	Light Gray PVC
Operating Temperature	-40° C to +50° C
RoHS Compliant	Yes

CIRCUIT DIAGRAM

