

Industrial USB Isolator

FIT0860

Product Overview

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For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

The Industrial USB Isolator from DFRobot is a small portable USB isolator with USB 2.0 compatibility that provides complete isolation between devices. This isolator features a 12Mbps data transmission rate and 2500V isolation voltage. The FIT0860 industrial USB isolator can protect the USB port of all kinds of devices without connecting external power or installing a driver, effectively extending device service life. The USB isolator can work as a USB repeater or be used to isolate the low-voltage differences between upstream and downstream devices.



Features

- 12Mbps data transmission rate
- 2500V isolation voltage

Specifications

- Compatible with USB2.0, driver-free
- Interface Speed:
 - Full speed 12Mbps
- Transmission modes:
 - USB control transmission, batch transmission, interrupt transmission, synchronous/asynchronous transmission, etc.
- Isolation voltage:
 - Signal isolation voltage 2500V, power isolation voltage 1500V
- Input port:
 - Standard USB male
- Output Port:
 - Standard USB female socket, max output power 1W
- Size:
 - 66mmx23mmx14xmm/2.60"x0.91"x0.55"
- Weight: About 16g

Specifications

- Operating Environmental:
 - -40°C-85°C, relative humidity 5%-95%
- Support system:
 - Windows, Linux, and Mac

Kit Contents

- 1x Industrial USB Isolator

Applications

- Strong electricity
- Strong interference
- Noise-sensitive field

Closer Look



Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-industrial-usb-isolator/>