

DATASHEET

Hifime ISO3 High Speed USB Isolator v2



HIFIME LTD
99 PARKWAY AVENUE
SHEFFIELD S9 4WG
UNITED KINGDOM
HIFIMEDIY.COM

Product Overview



The Hifime High Speed USB Isolator v2 provides galvanic isolation between a computer and USB audio device.

It is designed to help remove USB related ground-loop noise, hum, buzz and computer noise while maintaining a transparent USB data connection.

Key Features

- Galvanic isolation of USB signal and ground
- Supports Low Speed, Full Speed and Hi-Speed USB
- Up to 480 Mbps USB data rate
- No drivers required
- Built-in isolated power supply from USB bus
- Suitable for many USB DACs, audio interfaces and USB audio devices
- Helps remove USB ground-loop noise and noisy USB ground problems

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Hifime Ltd, 99 Parkway Avenue, S9 4WG Sheffield, United Kingdom | hifimediya.com

Technical Specifications

Specification	Details
Model	ISO3v2
SKU	10000180
USB Speed support	Low Speed, Full Speed, Hi-Speed
Max data rate	480 Mbps
Signal isolation	3 kV
Voltage isolation	1 kV
Isolated power supply	Built-in isolated supply from USB bus
Current output	Up to 600mA from internal DC/DC
Host connector	USB-A male
Device connector	USB-A female
Size	55 × 35 mm, excluding 10 cm cable
Drivers	No drivers required
Compliance	CE, RoHS
Country of manufacture	China

Applications

- **USB audio systems**
DACs, audio interfaces, MIDI/audio devices and computer audio setups
- **Recording and studio use**
Home studio, broadcast and recording systems
- **Test and measurement equipment**
Oscilloscopes, logic analyzers, measurement instruments and data acquisition devices
- **Industrial and development systems**
Service, debugging, control and OEM/embedded applications requiring USB isolation
- **General USB isolation use**
Any USB-connected device where galvanic isolation or separate grounds are required