

DATASHEET

Hifime ISO3 High Speed USB Isolator v2



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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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Technical Specifications

Specification	Details	
Model	ISO3v2	ISO3v2 USB-C
SKU	10000180	10000183
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	USB-C 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