

DATASHEET

Hifime ISO2 Full Speed USB Isolator



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

Product Overview



The Hifime Full Speed USB Isolator 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 Full speed (Low Speed supported via internal switch)
- Up to 12 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

Technical Specifications

Specification	Details	
Model	ISO2	ISO2 High Current
SKU	10000071	10000175
USB Speed	Full speed, low speed (via switch)	
Max data rate	12 Mbps	
Signal isolation	5 kV	
Voltage isolation	3 kV	
Isolated power supply	Built-in isolated supply from USB bus	
Current output	Up to 200mA	Up to 600mA
Host connector	USB-A male	
Device connector	USB-A female	
Size	55 × 35 mm, excl. 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