

USB Over Fibre Media Converters



USB3.0 AOC Hub

BY-USB-413 can be used with USB3.0 AOC (active fibre cable) or USB3.0 fibre extender, can split 1 USB3.0 interface to 4 downstream USB3.0 interface, the 4 downlink USB3.0 interface compatible with USB1.1 / USB2.0 / USB3.0.

Features

- Be used with USB3.0 AOC (active fibre cable) or USB3.0 fibre extender
- Driver needed, compatible with all operation systems
- Support USB3.0 Super speed up to 5Gbps, USB 3.0 Type A Receptacle
- 4 downlink USB3.0 interface compatible with USB1.1 / USB2.0 / USB3.0

Applications

- Industrial video transmission
- Machine vision system
- HD video surveillance system
- High - speed data acquisition system
- Remote storage
- Digital signage and TV wall
- Industrial printer system

Data sheet

Manufacturer: Beyond Opto

Product Code: BY-USB-413

Product SKU: 53839000005621009

Product SKU: Media Converter, USB3.0 AOC hub



USB3.0 to Fibre Extender

BY-USB-396 includes a transmitter (client-side) and a receiver (host-side), which can extend the SuperSpeed USB3.0 to a remote location over 1 or 2 core fibre cable, max distance 250m (SM or MM fibre cable).

Features

- Max extension distance 250m (SM or MM fibre cable).
- Duplex/Single LC fibre connector, pure hardware design, no driver needed, compatible with all operation systems, support plug and play
- Support USB3.0 Super speed up to 5Gbps, USB 3.0 Type A Receptacle
- Not backwards compatible with USB 2.0 and USB 1.1

Applications

- Extend high bandwidth USB 3.0 webcams and storage devices
- Military command and control systems
- Police command and control systems
- Traffic management systems
- Energy and electricity supply industry
- Government office, medical system, commercial presentation, multimedia and public utilities etc.

Data sheet

Manufacturer: Beyond Opto

Product Code: BY-USB-396

Product SKU: 53839000005621019

Product SKU: Media Converter, USB3.0 to fibre, extender



USB3.0 To KVM Over Fibre Extender

BY-KVM-411 includes a transmitter and a receiver, which can extend HDMI and USB3.0/USB2.0/USB1.1 (keyboard or mouse) through a USB3.0 port to remote location over fibre, max distance 250m (SM or MM fibre cable). BY-KVM-411 supports HDMI / DVI transmission at real-time, max resolution support can reach 1920x1080 @ 60Hz. The product can be used for long distance expansion of the second screen, long distance KVM control

Features

- One end connected to the USB3.0 port of PC
- The other end HDMI Output and 2 USB port(USB3.0/USB2.0/USB1.1 /keyboard or mouse)
- Support USB3.0 SuperSpeed up to 5Gbps, USB 3.0 Type A Receptacle
- Duplex/Single LC fibre connector

Applications

- In a multimedia system
- Large screen monitor
- Supermarket
- City square of big screen monitor

Data sheet

Manufacturer: Beyond Opto

Product Code: BY-KVM-411

Product SKU: 53839000005621059

Product SKU: Media Converter, USB3.0, to KVM, extender



USB 3.0 To Fibre Optic Extender

USB 3.0//2.0//1.1 To Fibre Optic Extender, also called USB 3.0//2.0//1.1 To Fibre Converter. The device includes a transmitter (client-side) and a receiver (host-side), which can extend the SuperSpeed USB3.0 to a remote location over 1 or 2 core fibre cable, max distance 250m (SM or MM fibre cable). The device can extend high bandwidth USB 3.0 webcams and storage devices, be widely used in military command and control system, police command and control system, traffic management system, energy and electricity supply industry, government office, medical system, commercial presentation, multimedia and public utilities, Kinect devices etc.

Features

- Max extension distance 250m (SM or MM fibre cable).
- Duplex/Single LC fibre connector, pure hardware design, no driver needed, compatible with all operation systems, support plug and play
- Support USB3.0 SuperSpeed up to 5Gbps, USB 3.0 Type A Receptacle
- Compatible with USB3.0, USB 2.0 and USB 1.1
- Support Kinect devices

Applications

- Computer connections

[Data sheet](#)

Manufacturer: Beyond Opto

Product Code: BY-USB-126

Product SKU: 53839000006872039

Product SKU: Media Converter, USB 3.0//2.0//1.1 to fibre, extender



PCI-e Card To USB 3.0 Over Fibre Extender

PCI-E To USB3.0//2.0//1.1 Over Fibre, the device includes a PCI-E to USB3.0 fibre expansion card (host-side) and a transmitter (client-side), which can extend the SuperSpeed USB3.0 to a remote location over 1 or 2 core fibre cable, max distance 250m (SM or MM fibre cable), also can split 1 USB3.0 interface to 4 USB3.0 interface. The device can extend high bandwidth USB 3.0 webcams and storage devices, be widely used in

military command and control system, police command and control system, traffic management system, energy and electricity supply industry, government office, medical system, commercial presentation, multimedia and public utilities, Kinect devices etc.

Features

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- Compliant with PCI Express Base 2.0 Specification
- Compliant with xHCI Specification Revision 1.0
- Max extension distance 250m (SM or MM fibre cable).
- Duplex/Single LC fibre connector
- Pure hardware design, no driver needed, support plug and play
- Compliant with Windows 8, Windows 8.1, and Windows 10 operation systems
- Support USB3.0 SuperSpeed up to 5Gbps, 4 USB 3.0 Type A Receptacle
- Compatible with USB 2.0 and USB 1.1

Applications

-
- Industrial video transmission
- Machine vision system
- HD video surveillance system
- High - speed data acquisition system
- Remote storage
- Digital signage and TV wall
- Industrial printer system
- PCI-E card to USB 3.0 over Fibre Optic Extender
- Kinect devices

Data sheet

Manufacturer: Beyond Opto

Product Code: BY-PUSB-

Product SKU: 5383900007079041

Product SKU: Media Converter, PCI-e card to USB3.0



2 4 or 8 Channel Contact Closure Or TTL Data Over Fibre

8/4/2 Ch Bi-directional Contact Closure or TTL Data over 1 fibre to 2 Kilometers (MMF) or 20 Kilometers (SMF) for application of Fire & Alarm Systems /Access Control System.

Features

- Independent 8/4/2 Channels Bi-directional (2 way) Dry Contact Closure or TTL data over 1 fibre
- Multi-mode Fibre Support for Distances up to 2 km, Single-Mode Fibre Support for Distances up to 20 km

- LED Status Provide Rapid Indication of Operating Parameters; hot Plug & Play designing ensures adjustment-free installation and operation
- No EMI or RFI and no ground loops
- Stand alone or rack-mount; Support Point-to-Point or Daisy-Chain connection

Applications

- Fire & alarm systems
- Access control systems

[Data sheet](#)

Manufacturer: Beyond Opto

Product Code: BY-DATA

Product SKU: 53839000007120149

Product SKU: Media Converter, 2/4/8 channel data over fibre