

2-Port USB 3.0 Extender over OM3 Multimode Fiber - LC/LC - 2x 5Gbps USB-A Hub - 350m (1150ft)  
Range - Durable USB Fiber Optic Extender - Optical USB Extender

**Product ID:** F35023-USB-EXTENDER



With this high-performance USB over Multimode Fiber Extender you can extend 5Gbps USB 3.2 Gen 1 signals over an OM3 LC to LC fiber cable with a range of up to 1150ft (350m).

This USB fiber extender enables you to exceed the inherent distance and bandwidth limitations of copper CAT cable-based USB extenders. You can use this extender for various applications such as high-resolution (HD/4K) USB webcams (i.e. Logitech BrioPro, Google Camera), sensors, remote surveillance and monitoring equipment, controlling machines/equipment at a distance, SCADA systems, Point of Sale (POS) systems, printing/scanning, and remote data storage.

The optical USB Extender comes with a secure locking power adapter for the remote receiver unit which can provide 5V (0.9A) to each port for applications requiring USB bus power. The local extender (transmitter) is USB bus powered by the host computer.

Unlike copper network or USB cables, a fiber connection is not affected by EMI (Electromagnetic Interference). This ensures a reliable USB data connection without signal degradation or interference, even when routed through challenging EMI environments.

The transmitter and receiver units feature a durable aluminum construction for extra protection and longevity in harsher environments. With dimensions of only 1.1 x 2.2 x 3.6 in (28 x 57 x 93 mm), the units use very little room, allowing for installations in tight spaces.

The Point-to-Point extender features driverless setup and is compatible with major operating systems including Windows, macOS, Linux. The kit includes two 10G MMF SFP+ modules and is not compatible with network switches and routers.

The TAA-compliant USB over fiber extender is backed for 2 years, including free lifetime 24/5 multi-lingual technical assistance.

## **Certifications, Reports and Compatibility**



## Applications

## Features

- **USB 3.0 OVER FIBER EXTENDER:** Extend and connect two USB 3.2 Gen 1 (5Gbps) devices up to 1150 ft (350 m) away over an OM3 multimode LC to LC fiber cable - Built with durable aluminum construction for high wear and tear environments
- **CONNECT REMOTE USB DEVICES:** Works as a two port USB hub at remote location on a campus or between buildings for connecting USB cameras, POS devices, printers, scanners, plotters, keyboard/mouse, storage - Connection and power LEDs for activity and status
- **RELIABLE DATA TRANSFER:** Unlike copper cable, optical fiber is not affected by Electromagnetic Interference (EMI), ensuring that the USB signal is delivered from transmitter to receiver without signal degradation or interference over long distances
- **ACTIVE USB EXTENDER:** The secure locking power adapter (included) for the remote receiver unit provides 5V (0.9A) to each port - the local extender (transmitter) is USB bus powered by the host computer - Includes secure screw locking USB cable
- **EASY SETUP:** The Point-to-Point USB fiber extender features driverless setup and is compatible with major operating systems incl. Windows, macOS, Linux - 2x 10G MMF SFP+ modules included - Compatible with USB 3.0/2.0/1.1 - Not compatible w/ LAN equipment

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### Hardware

Warranty	2 Years
Ports	2
Interface	Fiber Ethernet

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### Performance

Maximum Data Transfer Rate	5 Gbps
Max Distance	350 m / 1148 ft

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### Connector(s)

Connector A	2 - USB Type-A (9 pin, 5 Gbps)
Connector B	1 - Fiber Optic LC Duplex
External Ports	1 - Fiber Optic LC Duplex
Host Connectors	1 - USB 3.0 Micro-B (10 pin, SuperSpeed)

### Software

OS Compatibility	OS Independent; No additional drivers or software required
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### Indicators

LED Indicators	1 - Transmitter (Host Side) , Link LED = Solid Blue is Link , OFF = No Link , Power LED = Solid Blue is Power , Off = No Power , , Receiver (Remote Unit) , Link LED = Solid Blue is Link , OFF = No Link , Power LED = Solid Blue is Power , Off = No Power
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### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.48 A
Output Voltage	5 DC
Output Current	3 A
Center Tip Polarity	Positive
Plug Type	H
Power Consumption (In Watts)	15 W

### Environmental

Operating Temperature	32F ~ 122F (0C to 50C)
Storage Temperature	-4F ~ 158F (-20C to 70C)
Humidity	20% ~ 80% Operating, 10% ~ 90% Storage

### Physical Characteristics

Product Length	2.2 in [5.7 cm]
Product Width	3.7 in [9.3 cm]



Product Height	1.1 in [2.8 cm]
Weight of Product	9.6 oz [271.0 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.1 in [15.5 cm]
Package Width	4.5 in [11.5 cm]
Package Height	4.9 in [12.5 cm]
Shipping (Package) Weight	1.5 lb [0.7 kg]

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**What's in the Box**

Included in Package	1 - Local Extender
	1 - Remote Extender
	1 - 50 cm USB Type A to USB Micro B Cable For Host Connection
	1 - Power Adapter
	1 - Quick-Start Guide

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*\*Product appearance and specifications are subject to change without notice.*

