

## TECHNICAL SPECIFICATION

USB	
Signal Type	EHCI (USB 2.0), OHCI/UHCI (USB 1.1)
Input Interface (TX)	(1) USB Type B (Female)
Output Interface (RX)	(4) USB Type A (Female)
OPTICAL	
Fiber Type	Single, multi mode
Connector Type	Duplex LC
Wavelength	1310 nm/1550 nm (Dual wavelength)
Data Rate	5 Gbps (2.5 Gbps per single wavelength)
Transmission Power	-5 dB Min
Receiver Sensitivity	-21 dB Max
Distance	500 m Max
OTHER	
Power	External 100-240 VAC/5VDC4A @ 20 W
Dimensions	7 in W x 1 in H x 4.5 in D
Weight	2.0 lbs. (0.9 kg)
Operating Temp.	0-55 °C (32-131 °F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

## WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
FX-USB-TX	1	USB 2.0 Fiber Transmitter
FX-USB-RX	1	USB 2.0 Fiber Receiver
PS5VDC4A	2	PS5VDC4A Power Supply
Quick Start Guide	1	

## NOTICE

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800.AVI.2131, 702.800.0005  
2455 W Cheyenne Ave, Suite 112  
North Las Vegas, NV 89032

[SmartAVI.com](http://SmartAVI.com)

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# FX-USB

## USB 2.0 Fiber Extender



**USB 2.0 EXTENDER  
UP TO 1,500 FEET  
OVER FIBER OPTIC CABLE**

**Quick Start Guide**

## ABOUT SFX

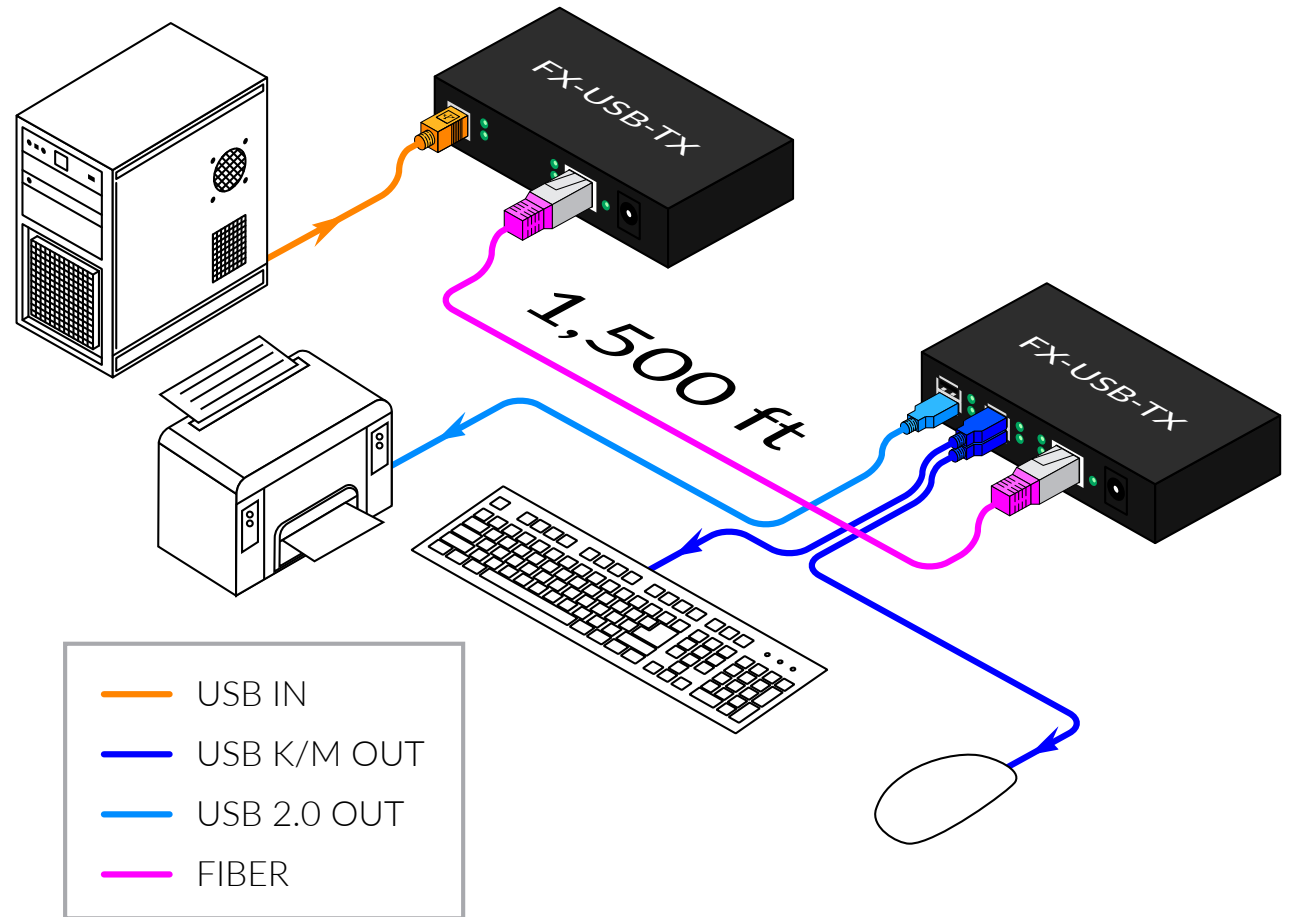
The FX-USB is a perfect solution for extending USB 2.0 signals from a computer in a remote location. It extends USB 2.0 to a remote location up to 1,500 feet away. It supports all USB device types from high-speed web cams, hard drives, printers, scanners, audio devices, touch screens, digital cameras and game controllers. The FX-USB is immune to electromagnetic interference, making it ideal for use in situations where there is considerable interference. The FX-USB is also very secure because it's fiber optic signals cannot be easily tapped.

## FEATURES

- Top Signal Quality at Maximum Extension Over Multimode Fiber (1,500 ft.)
- Fiber Plug Type LC
- Extends USB 2.0 signals up to 1,500 feet from the computer
- Fully compliant with USB 1.1 and 2.0 specifications
- Supports USB 1.1 (12 Mbps) and USB 2.0 (480 Mbps) data rates
- Supports all USB device types from high-speed web cams, hard drives, printers, scanners, audio devices, touch screens, digital cameras and game controllers
- Integrated Four-Port Hub in the receiver
- Compatible with all operating systems
- Fully transparent USB (does not use any emulation)
- Plug and play

## HARDWARE INSTALLATION

1. Power off all devices.
2. Connect the USB source (computer) to the USB port on the front of the FX-TXUSB (transmitter).
3. Connect the FX-TXUSB (transmitter) to the FXRXUSB (receiver) using a fiber optic cable up to 1,500 feet in length.
4. Connect up to four USB 1.1 or 2.0 devices to the integrated 4-port USB hub on the front of the FXRXUSB (receiver).
5. Connect the power supply to the FX-RXUSB and the FX-RXUSB.
6. Power on the computer and USB devices.



**FX-USB-TX**



**FX-USB-RX**

