

USB 2.0 to Fiber Optic Converter - Open SFP

Product ID: US100A20SFP



This USB to fiber-optic converter lets you utilize the USB 2.0 (Type-A) port on your laptop or tablet to provide a secure fiber network connection. Windows and Mac compatible, the network adapter provides a 100Mbps Ethernet optical network connection for portable laptops or tablets, or systems without expansion slots.

The open SFP slot enables you to use your preferred SFP transceiver module to meet your networking needs - use an SFP with your desired wavelength, distance, connection type to achieve an efficient network solution. (SFP sold separately.)

This USB to fiber converter provides reliable connectivity while protecting your network from problems with electronic interference - a common issue with copper Ethernet networks. Fiber-to-the-desk connectivity (FTTD) maximizes network security, reducing the risk of data leaks of sensitive information, without compromising network speed and reliability.

Compact and portable, this USB 2.0 to fiber-optic converter is powered directly from the USB port, making it easy to connect when you're on the go.

Get up and running quickly. The USB to fiber-optic converter supports certified drivers for Windows and Linux. When you plug the adapter into a USB port, you simply install the drivers and the adapter is ready to transmit over a fiber network.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

Mac Address Pass-Through Utility: To improve network security.

Wi-Fi Auto Switch Utility: Enabling users to quickly access faster network speeds via wired LAN.

For more information and to download the StarTech.com Connectivity Tools application, please visit: www.StarTech.com/Connectivity-Tools

The US100A20SFP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Provides a portable network connectivity solution for mobile professionals, to access a fiber network through the USB port on their laptop or tablet
- Ideal for secure network connectivity - a direct fiber connection means no electronic interference, which can be a problem with RJ45 network cards

Features

- Provides a fiber network connection to portable laptops or tablets
- Fiber-to-the-desk connectivity (FTTD) enhances security, reducing the risk of data leaks
- Add a 100Mbps Ethernet connection through a USB 2.0 Type-A interface
- Highly portable design, with no need for an external power adapter (bus powered)
- Open SFP slot, compatible with 100Mbps MSA compliant SFP modules
- Certified drivers for Windows and Linux
- Plug-and-play installation
- Wake-on-LAN support
- CONNECTIVITY TOOLS: Provided with this device, the application improves performance and security, featuring MAC Address Changer & Wi-Fi Auto Switch utilities

Hardware

Warranty	2 Years
Ports	1
Interface	Fiber Ethernet
Bus Type	USB 2.0
Chipset ID	ASIX Electronics - AX88772C

Performance

Maximum Data Transfer Rate	100 Mbps
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Compatible Networks	100 Mbps
Full Duplex Support	Yes
Promiscuous Mode	Yes

Connector(s)

Connector Type(s)	USB Type-A (4 pin) USB 2.0
External Ports	SFP Slot

Software

OS Compatibility	Windows 7, 8, 8.1, 10, 11 Windows Server 2008, 2012, 2106 Mac OS X 10.9 to 10.14 Linux kernel 3.5 to 4.11.x, LTS versions only
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Special Notes / Requirements

System and Cable Requirements	USB-enabled computer with an available USB 2.0 port 100Mbps SFP transceiver with your desired network connection
Note	Fiber data transfer speeds and distances are dependent on the SFP used (sold separately)

Indicators

LED Indicators	Power Link/Activity
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Power

Power Source	USB-Powered
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Environmental

Operating Temperature	0C ~ 60C (32 ~ 140F)
Storage Temperature	-10 ~ 70C (14 ~ 158F)
Humidity	5% ~ 90% RH

Physical Characteristics

Color	Black
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Material	Plastic
Cable Length	7.7 in [19.5 cm]
Product Length	6.6 in [16.7 cm]
Product Width	5.5 in [14 cm]
Product Height	0.8 in [20 mm]
Weight of Product	3.7 oz [106 g]

Packaging Information

Package Length	10.5 in [26.7 cm]
Package Width	2.0 in [50 mm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	1.8 oz [50 g]

What's in the Box

Included in Package	network adapter
	quick-start guide

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

