

USB to Fiber Optic Converter - 100Mbps - USB 2.0 to Fiber Network Adapter - 100Base-FX SC Female Duplex Multimode Fiber/MMF Compatible - 2Km - Compact USB to Fiber LAN

**Product ID:** US100A20FXSC



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 network connection and 100BaseFX SC optical transceiver.

With an optical transceiver for 100Base-FX networks, the USB to fiber converter delivers network connectivity with a maximum range of 2 km over multimode fiber.

For reliable fiber connectivity, this USB to fiber-optic converter protects 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 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.

The US100A20FXSC 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

- **TECH SPECS:** 100Mbps 1x SC Female Duplex ASIX AX88772C 1x USB 2.0 Type A Multi-Mode Fiber 1310 nm 2 km/1.2 mi VLAN Bus-Powered Windows, Windows Server, MacOS, Linux LTS Kernel
- **EASY-TO-USE USB to FIBER OPTIC CONVERTER:** Use with USB-enabled computer, which is ideal for occasional access to a fiber LAN, or for laptop users without internal fiber network card
- **COMPACT FORM FACTOR:** Easily portable and can be easily carried in a standard laptop bag if needed; no power adapter means fewer cords to carry, and a quick and easy setup
- **EASY TO DEPLOY:** Integrated SC MM fiber connection makes deployment easy and predictable; fewer parts to damage or lose vs an open SFP solution
- **STARTECH.COM ADVANTAGE:** IT professionals choice for over 30 years; this fiber network adapter is backed for 2 years by StarTech.com, including free 24/5 North America based multi-lingual tech support

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### Hardware

Warranty	2 Years
Ports	1
Interface	Fiber Ethernet
Bus Type	USB 2.0
Industry Standards	IEEE802.3x 100BASE-FX IEEE 802.1Q VLAN tagging
Chipset ID	ASIX Electronics - AX88772C

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### Performance

Maximum Data Transfer Rate	100 Mbps
Max Distance	2 km (1.2 mi)
Type	Multi Mode
Wavelength	1310nm
DDM	No



Compatible Networks 100 Mbps

Promiscuous Mode Yes

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**Connector(s)**

Connector Type(s) USB Type-A (4 pin) USB 2.0  
Fiber Optic SC Female

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**Software**

OS Compatibility Windows 7, 8, 8.1, 10  
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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**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

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**Physical Characteristics**

Color Black  
Material Plastic  
Cable Length 7.7 in [19.5 cm]  
Product Length 6.7 in [17 cm]  
Product Width 5.5 in [14 cm]  
Product Height 0.8 in [20 mm]  
Weight of Product 3.8 oz [108 g]



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**Packaging  
Information**

Package Length	10.6 in [27 cm]
Package Width	2.0 in [52 mm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	1.8 oz [52 g]

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**What's in the  
Box**

Included in Package	network adapter
	quick-start guide

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

