

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.

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:

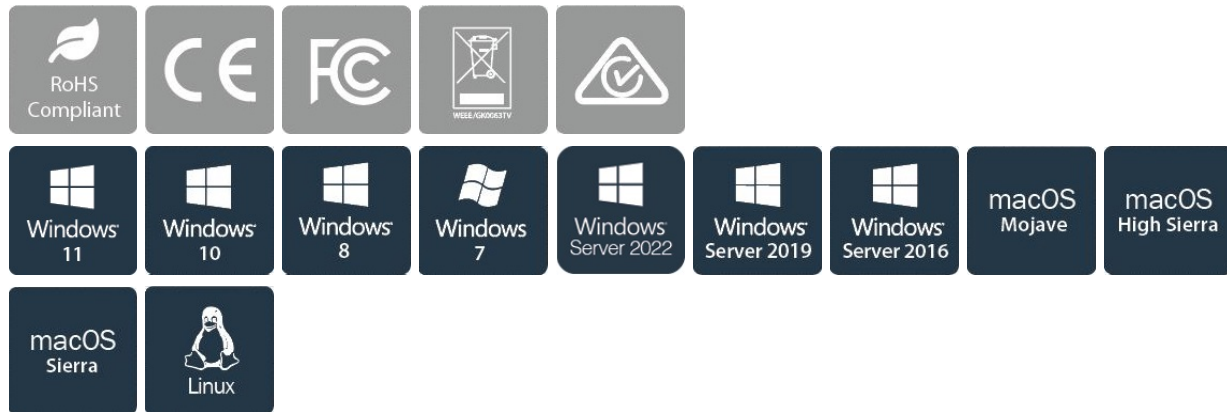
Mac Address Pass-Through Utility: To improve network security.

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 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
- **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
Industry Standards	IEEE802.3x 100BASE-FX IEEE 802.1Q VLAN tagging
Chipset ID	ASIX Electronics - AX88772C

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

Connector(s)

Connector Type(s)	1 - USB 2.0 Type-A (4 pin, 480Mbps) 1 - Fiber Optic SC Female
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Software

OS Compatibility	Windows 7, 8, 8.1, 10, 11 Windows Server 2008, 2012, 2106, 2019, 2022 Mac OS X 10.9 to 10.14 Linux kernel 3.5 and up - <i>LTS Versions only</i>
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Indicators

LED Indicators	1 - Power 1 - Link/Activity
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Power

Power Source	USB-Powered
Input Voltage	5V DC
Output Voltage	5 DC

Environmental

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

Physical Characteristics

Color	Black
Material	Plastic
Cable Length	7.7 in [195 mm]
Product Length	6.7 in [17 cm]
Product Width	5.5 in [14 cm]
Product Height	0.8 in [2 cm]
Weight of Product	3.8 oz [108 g]

Packaging Information

Package Quantity	1
Package Length	6.6 in [16.8 cm]
Package Width	5.7 in [14.4 cm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	3.8 oz [108.0 g]

What's in the Box

Included in Package	1 - network adapter
	1 - quick-start guide

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