

# USB 2.0 to Fiber Optic Converter - 100BaseFX SC

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.

## Fiber-optic SC port

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.

## Secure fiber-to-the-desk connectivity

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.

## **Easy portability**

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.

## **Plug and play**

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

- 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 100BaseFX SC Ethernet connection through a USB 2.0 Type-A interface
- Highly portable design, with no need for an external power adapter (bus powered)
- 100Base-FX SC optical transceiver
- 2 km range over multimode fiber
- Certified drivers for Windows and Linux
- Plug-and-play installation
- Wake-on-LAN support

<b>Hardware</b>	Warranty	2 Years
	Bus Type	USB 2.0
	Chipset ID	ASIX Electronics - AX88772C
	Industry Standards	IEEE802.3x 100BASE-FX IEEE 802.1Q VLAN tagging
	Interface	Fiber Ethernet
	Ports	1
<b>Performance</b>	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	No
	Max Distance	2 km (1.2 mi)
	Maximum Data Transfer Rate	100 Mbps
	Promiscuous Mode	Yes
	Type	Multi Mode
	Wavelength	1310nm
<b>Connector(s)</b>	Connector Type(s)	1 - USB Type-A (4 pin) USB 2.0 Female 1 - Fiber Optic SC Female
<b>Software</b>	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
<b>Indicators</b>	LED Indicators	1 - Power 1 - Link/Activity
<b>Power</b>	Power Source	USB-Powered
<b>Environmental</b>	Humidity	5% ~ 90% RH
	Operating Temperature	0°C ~ 60°C (32° ~ 140°F)
	Storage Temperature	-10° ~ 70°C (14° ~ 158°F)
<b>Physical Characteristics</b>	Cable Length	7.7 in [195 mm]
	Color	Black
	Enclosure Type	Plastic
	Product Height	0.8 in [2 cm]
	Product Length	6.7 in [17 cm]
	Product Width	5.5 in [14 cm]

	Weight of Product	3.8 oz [108 g]
<b>Packaging Information</b>	Package Height	1.2 in [30 mm]
	Package Length	10.6 in [27 cm]
	Package Width	2 in [52 mm]
	Shipping (Package) Weight	1.8 oz [52 g]
<b>What's in the Box</b>	Included in Package	1 - network adapter 1 - quick-start guide
	Max Transfer Distance	2 km (1.2 mi)

Product appearance and specifications are subject to change without notice.