StarTech.com
Hard-to-find made easy®

Data Sheet

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

	Warranty	2 Years
Hardware	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
Performance	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
Connector(s)	Connector Type(s)	1 - USB Type-A (4 pin) USB 2.0 Female
		1 - Fiber Optic SC Female
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
Indicators	LED Indicators	1 - Power
		1 - Link/Activity
Power	Power Source	USB-Powered
Environmental	Humidity	5% ~ 90% RH
	Operating Temperature	0°C ~ 60°C (32° ~ 140°F)
	Storage Temperature	-10° ~ 70°C (14° ~ 158°F)
Physical Characteristics	Cable Length	7.7 in [195 mm]
	Color	Black
	Enclosure Type	Plastic
	Product Height	0.8 in [20 mm]
	Product Length	6.7 in [170 mm]
	Product Weight	3.8 oz [108 g]

	Product Width	5.5 in [140 mm]
Packaging Information	Shipping (Package) Weight	1.8 oz [52 g]
What's in the Box	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.