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

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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
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 Type-A (4 pin) USB 2.0 1 - Fiber Optic SC Female
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
Indicators		
	LED Indicators	1 - Power 1 - Link/Activity
Power		
	Power Source	USB-Powered
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 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]
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.