1000 Eaton Boulevard
Cleveland, OH 44122
United States

USB 2.0 Ethernet Adapter - 10/100 Mbps, 100Base-FX, LC, Singlemode Fiber, White

MODEL NUMBER: **U236-SMF-LC**





Connects your USB-enabled computer or laptop to a 10/100 Mbps fiber optic network without installing an internal Ethernet card.

Features

Connects Your USB Device to a Wired Ethernet Network without an Internet Card Installed This USB to Ethernet adapter allows you to instantly connect your computer, laptop, tablet or other USB-compatible device to a wired 10/100 Mbps fiber optic network, even if your device has no NIC (Network Interface Controller) installed. The adapter offers access to an Ethernet network when Wi-Fi is unavailable or when a wired connection offers faster speeds. It transmits data up to 20 kilometers (12.4 miles) from your fiber network using a 1310 nm wavelength.

Hot-Swappable for Installation Without Network Interruption This USB 2.0 Ethernet adapter is fully hot-swappable, so you can install it without a potentially costly network shutdown or device reboot. Just connect the built-in USB cable to your device's USB port (which also powers the adapter), and wait for the installation process to finish (you may have to reboot your computer). Then, connect the LC duplex port using existing or newly run singlemode fiber cable (such as Tripp Lite's N370-Series, sold separately).

Delivers Full Ethernet Performance with Audio and Video Streaming The compact USB to Ethernet adapter supports full 10/100 Mbps network speeds and USB 2.0 speeds, allowing you to transfer data efficiently and stream audio and video. The direct fiber connection minimizes the risk of data leaks and electromagnetic interference (EMI). A blue LED indicates successful Ethernet connection and data transfer. The adapter works with Windows operating systems and is backward compatible with USB 1.1 devices.

Highlights

- Connects you to a wired Ethernet network when Wi-Fi is weak or unavailable
- Provides 10/100 Mbps throughput up to 20 km (12.4 mi.) via singlemode fiber cabling
- Supports USB 2.0 speeds up to 480 Mbps to ensure efficient data transfers
- Hot-swappable interface lets you install and uninstall without shutting down computer
- USB 2.0 Ethernet adapter powered via USB, so no external power supply is required

Applications

- Install an LC duplex port on your laptop or PC for the purpose of connecting a singlemode Ethernet network cable
- Upload data from your notebook or download data from the Ethernet at true 10/100 Mbps speeds
- Replace a malfunctioning Ethernet card on your laptop or computer

System Requirements

- Computer or laptop with USB-A port (USB 2.0 compatibility required to achieve USB 2.0 speeds)
- Windows (through Win 10) operating system

Package Includes

- U236-SMF-LC USB 2.0 Ethernet NIC Adapter
- Driver CD
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332248480
Technology	USB 2.0 (High Speed)

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Mode Type	Singlemode
INPUT	
Built-In Cable Length (m)	0.155
Built-In Cable Length (in.)	6.1
Bus Powered	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Blue (Power/Data)
PHYSICAL	
Color	White
Material of Construction	ABS, PVC
Cable Jacket Rating	VW-1
Unit Dimensions (hwd / in.)	0.710 x 2.200 x 1.610
Unit Packaging Type	Box
Unit Weight (lbs.)	0.12
Unit Weight (kg)	0.05
ENVIRONMENTAL	
Operating Temperature Range	32° to 131°F (0° to 55°C)
Storage Temperature Range	32° to 140°F (0° to 60°C)
Relative Humidity	5% to 90 % RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	100 Mbps (Fast Ethernet)
Wavelength	1310nm
Transmission Distance	20km
CONNECTIONS	
Side A - Connector 1	USB A (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
USB Specification	USB 2.0 (up to 480 Mbps)
Remote Wakeup Support	Yes
Driver Required	Yes

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Optical Port	LC
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty