

# Quick Start Guide

## USB to LC Fiber Transceivers

Models: U236-SMF-LC, U236-MMF-LC,  
U336-SMF-1G-LC, U336-MMF-1G-LC

Este guía esta disponible en español en la página de Tripp Lite:  
[triplite.com/support](http://triplite.com/support)

Ce guide est disponible en français sur le site Web de Tripp Lite :  
[triplite.com/support](http://triplite.com/support)

Русскоязычная версия настоящего краткого руководства  
представлена на веб-сайте компании Tripp Lite по адресу:  
[triplite.com/support](http://triplite.com/support)

### WARRANTY REGISTRATION

Register your product today and be automatically entered  
to win an ISOBAR surge protector in our monthly drawing!

[triplite.com/warranty](http://triplite.com/warranty)



1111 W. 35th Street, Chicago, IL 60609 USA • [triplite.com/support](http://triplite.com/support)

Copyright © 2019 Tripp Lite. All rights reserved.

## Product Features

### All Models:

- Transceivers provide a portable fiber network connection through the USB port on a laptop or tablet
- Direct fiber connection minimizes the risk of data leaks and prevents electromagnetic interference (EMI)
- Plugs directly into a USB port, no external power required
- Easy-to-install drivers establish a connection in seconds
- Wake-on-LAN (WoL) support
- Small and compact design for easy storage and transport

### U236-SMF-LC:

- Connects to a 100 Mbps fiber network
- Extends up to 20 km away from your fiber network without compromising speed or reliability
- Singlemode, 1310 nm
- Supports USB 2.0 speeds up to 480 Mbps

### U236-MMF-LC:

- Connects to a 100 Mbps fiber network
- Extends up to 2 km away from your fiber network without compromising speed or reliability
- Multimode, 1310 nm
- Supports USB 2.0 speeds up to 480 Mbps

## Product Features

### **U336-SMF-1G-LC:**

- Connects to a 1 Gbps fiber network
- Extends up to 5 km away from your fiber network without compromising speed or reliability
- Singlemode, 1310 nm
- Supports USB 3.0 speeds up to 5 Gbps

### **U336-MMF-1G-LC:**

- Connects to a 1 Gbps fiber network
- Extends up to 550 m away from your fiber network without compromising speed or reliability
- Multimode, 1310 nm
- Supports USB 3.0 speeds up to 5 Gbps

## Package Includes

- U236-SMF-LC, U236-MMF-LC, U336-SMF-1G-LC, or U336-MMF-1G-LC
- Quick Start Guide

## Optional Accessories

- N370-Series 10G Duplex Singlemode 8.3/125 Fiber Patch Cable (LC/LC)
- N820-Series 10G Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable (LC/LC)

## System Requirements

- USB-A enabled computer with an available USB 2.0 or 3.0 port
- Managed or unmanaged network switch(es) for the U336-XMF-1G-LC Fiber Transceivers
- Supported operating systems:
  - o Microsoft Windows 10, 8/8.1, 7, XP, Vista
  - o Microsoft Server 2012, 2008

# Installation

## Notes:

- *Before installation, verify your fiber equipment's wavelength (1310 nm), mode type (single or multi) and distance (in meters) matches that of the USB Fiber Transceiver specifications.*
  - *USB 3.0 fiber transceivers work only with managed or unmanaged network switch(es).*
  - *USB 2.0 fiber transceivers work only with Windows operating systems.*
- 1.** Before connecting the USB fiber transceiver, download the applicable driver from the included CD to your computer or laptop.
  - 2.** Once the appropriate driver is successfully installed, connect existing or newly run single or multimode fiber cable to the available duplex LC port on the transceiver. Then connect to the fiber network
  - 3.** Depending on the transceiver, insert the USB-A male connector to a USB 2.0 or 3.0 port on your computer.\*
  - 4.** A blue LED will illuminate to indicate a successful Ethernet connection. The LED will blink when data is being transferred.
- \* A USB 3.0 port is required to achieve 5 Gbps transfer speeds up.

# Warranty and Product Registration

## 3-Year Limited Warranty

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of 3 years from the date of initial purchase. If the product should prove defective in material or workmanship within that period, Seller will repair or replace the product, at its sole discretion. Service under this Warranty can only be obtained by your delivering or shipping the product (with all shipping or delivery charges prepaid) to: Tripp Lite, 1111 W. 35th Street, Chicago, IL 60609 USA. Seller will pay return shipping charges. Visit [tripplite.com/support](http://tripplite.com/support) before sending any equipment back for repair.

THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR OR TO DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE OR NEGLIGENCE. SELLER MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSLY SET FORTH HEREIN. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE; AND THIS WARRANTY EXPRESSLY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES. (Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction).

**WARNING:** The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the suitability or fitness of these devices for any specific application.

## PRODUCT REGISTRATION

Visit [tripplite.com/warranty](http://tripplite.com/warranty) today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!\*

\* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

# Warranty and Product Registration

## FCC Notice, Class A

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. The user must use shielded cables and connectors with this equipment. Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

## WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)



Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Tripp Lite has a policy of continuous improvement. Product specifications are subject to change without notice.



1111 W. 35th Street, Chicago, IL 60609 USA • [triplite.com/support](http://triplite.com/support)