

# FIBER OPTIC FIREWIRE EXTENDER

Extend FireWire 1,000 Meters (3,280 Feet) with Fiber Optic Cable



**ST-FO1394-SC (Front & Back)**

\* the transmitter and receiver look the same.

## Features & Applications

The XTENDEX® Firewire Optical Extender extends a firewire device up to 1,000 meters (3,280 feet) using multimode fiber optic cable. The local and remote units connect using multimode fiber optic cable.

- Complies with 1394a and 1394b standards.
- Works at speeds of 400, 200 and 100 Mbps at full duplex.
- Using 50/125um cable, extend up to 1,000 meters (3,280 feet).
- Using 62.5/125um cable, extend up to 500 meters (1,640 feet).
- Supports Plug-n-Play specifications.
- Pure hardware design, no software or drivers required.
- Ideal for many types of applications.
  - A/V Broadcasting and Editing (printers, scanners, digital cameras/camcorders, digital audio recorders).
  - Security (Surveillance cameras, webcams, mass storage).
  - Long range IEEE FireWire networking.

## Specifications

- Compatible with computers with 1394 outputs.
- Compliant with IEEE 1394b and IEEE1394a-2000 specifications.
- Full duplex data rate at 100/200/400 Mbps.
- Laser Class 1 Safety compliant.
- Optical source: 850nm VCSEL.
- Supports 62.5um and 50um multimode fiber optic cable.

### Connectors

- One optical port with SC connector.
- Two 6-pin IEEE 1394 connectors.

### Dimensions

- WxDxH (in): 4x2.8x0.9

### Power

- 110 to 220 VAC at 50 or 60 Hz via AC adapter.

### Package Includes

- Two 1394 optical repeaters.
- 4.5 meter male 6-pin to male 6-pin 1394 cable.
- Two power supplies.
- User manual.

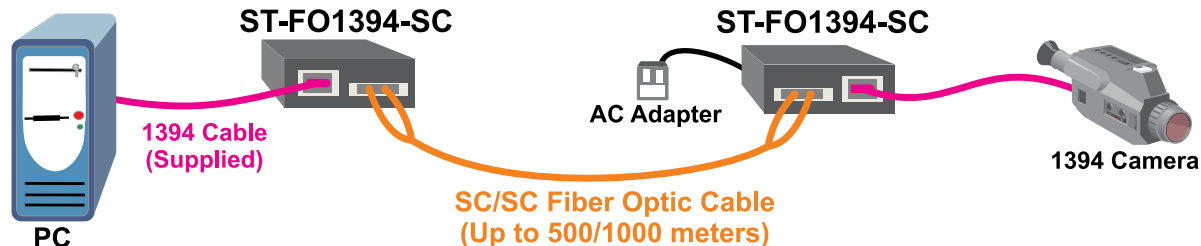
### Regulatory Approvals

- CE, FCC, RoHS

### Warranty

- Two years

## Configuration and Cable Illustration



### 1394 Firewire Extender

NTI Part #	Description
ST-FO1394-SC	Firewire Optical Extender

### Compatible Duplex 62.5/125 SC/SC Fiber Optic Cable

NTI Part #	Length (meters)
FIBER-DSCSC-62-10M	10
FIBER-DSCSC-62-15M	15
FIBER-DSCSC-62-30M	30

### Compatible Duplex 50/125 SC/SC Fiber Optic Cable

NTI Part #	Length (meters)
FIBER-DSCSC-50-10M	10
FIBER-DSCSC-50-15M	15
FIBER-DSCSC-50-30M	30