4-Port USB 3.0 Extender via Two LC Fiber Optic Cables up to 820 Feet – No Drivers Required
XTENDEX®

Extend four USB 3.0/2.0/1.1 devices up to 820 feet (250 meters) using a duplex LC singlemode or multimode fiber optic cable

- Supports fully transparent USB connection – all USB computers (PC, SUN and MAC) and their associated peripherals.
- Extend self-powered and/or bus-powered USB peripheral devices (security cameras, printers, scanners, touch screen monitors, game controllers, flash drives, keyboards, mice, etc.).
- Signal transmission up to 820 feet (250 meters) via a two-strand LC 9-micron singlemode or 50-micron multimode fiber optic cable.
- Supports super-speed (5 Gbps), high-speed (480 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
- Compliant with USB 3.0 specifications.
  - Backwards compatible with USB 2.0/1.1.
- Each port supports full 900mA current.
- Supports Plug-n-Play specification.
- Low RFI/EMI for sensitive applications.
- No drivers required.
- Compact design for the transmitter – allows for direct connection to the source.
- Integrated mounting brackets on the receiver for easy surface/wall mounting.
- Cables can be installed in conduit prior to extender installation.

USB3-2FOLC-4
(Local and Remote Unit)

• **Supports USB 3.0/2.0/1.1 devices**

The XTENDEX® 4-Port USB 3.0 Extender via Fiber Optic Cable extends four USB devices up to 820 feet (250 meters) using a duplex LC singlemode or multimode fiber optic cable. Each extender consists of a local unit that connects to a computer, and a remote unit that connects to four USB 3.0/2.0/1.1 devices. The local and remote units are interconnected via a two-strand LC singlemode or multimode fiber optic cable.

Specifications

Local Unit
- One male USB Type A connector.
- Two female LC fiber optic ports.
- Supports a USB computer (PC, SUN, MAC).
- Multiplatform support: Windows 2000/XP/Vista/7/8/10, Windows Server 2000/2003/2008/2012/2016, Solaris, Linux, FreeBSD, and MAC OS 9/10.

Remote Unit
- Four female USB Type A connectors.
- Two female LC fiber optic ports.
- Supports super-speed (5 Gbps), high-speed (480 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
- Supports self-powered and/or bus-powered USB devices.
- Compatible with USB touch screen monitors.

Power
- Local unit: powered from attached computer.
- Remote unit:
  - Input: 100 to 240 VAC at 50 or 60 Hz via AC adapter.
  - Output: 12VDC, 3A
  - Each port supports full 900mA current

Environmental
- Operating temperature: 32 to 122°F (0 to 50°C).
- Storage temperature: -40 to 185°F (-40 to 85°C).
- Operating/storage relative humidity: 0 to 95% non-condensing RH.

Dimensions
- Local Unit WxDxH: 1.29x3.38x0.71 in (33x86x18 mm).
- Remote Unit WxDxH: 4.09x4.09x1.10 in (104x104x28 mm).

Max Distance
- 820 feet (250 meters) over a duplex LC 9-micron singlemode or 50-micron multimode (OM2/OM3) fiber optic cable.
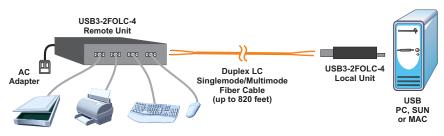
Cables
- Use a duplex LC 9μm singlemode or 50μm multimode (OM2/OM3) fiber optic cable to extend the receiver from the transmitter up to 820 feet (250 meters). (Cables not included.)

Regulatory Approvals
- RoHS

Configuration and Cable Illustration

USB3-2FOLC-4 Remote Unit

AC Adapter

Duplex LC Singlemode/Multimode Fiber Cable (up to 820 feet)

USB3-2FOLC-4 Local Unit

USB PC, SUN or MAC

USB Peripheral Devices