4-Port USB 2.0 Extender via Fiber Optic Cable up to 820 Feet – No Drivers Required

XTENDEX®

Extend one USB device up to 150 feet

- Supports fully transparent USB connections - supports 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 single SC singlemode or multimode fiber optic cable.
- Supports high-speed (480 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
- Compliant with USB 2.0 specifications.
- Each port supports full 500mA current.
- Supports Plug-n-Play specification.
- Low RFI/EMI for sensitive applications.
- No drivers required.
- Integrated mounting brackets for easy surface/wall mounting.
- Cables can be installed in conduit prior to extender installation.

USB2-FOSC-4 (Remote and Local Unit)

The XTENDEX® 4-Port USB 2.0 Extender via Fiber Optic Cable extends four USB devices up to 820 feet (250 meters) using a single SC 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 devices. The local and remote units are interconnected via a single-strand SC singlemode or multimode fiber optic cable.

Specifications

Local Unit

- One female USB Type A connector.
- One simplex female SC fiber optic port.
- 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.
- One simplex female SC fiber optic port.
- Supports 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:85 to 265 VAC at 50 or 60 Hz via AC adapter.
  - Each port supports full 500mA current

Environmental

- Operating temperature: -4 to 158°F (-20 to 70°C).
- Storage temperature: -40 to 185°F (-40 to 85°C).
- Operating/storage relative humidity: 0 to 95% non-condensing RH.

Dimensions

- WxDxH: 4.09x4.09x1.10 in (104x104x28 mm).

Regulatory Approvals

- RoHS

Max Distance

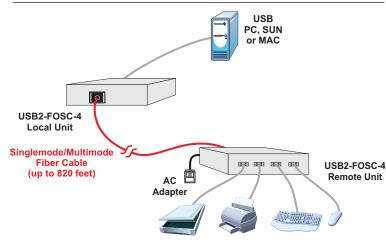- 820 feet (250 meters) over a single SC singlemode or multimode fiber optic cable.
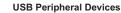
Cables

- 0.5-meter USB Type A male-to-male interface cable included.
- Use a simplex SC singlemode/multimode fiber optic cable to extend the receiver from the transmitter up to 820 feet (250 meters).(Cables not included.)
  - Use FIBER-AD-SS-LCFSCM to convert a male simplex LC singlemode connector to a male simplex SC singlemode connector.
  - Use FIBER-AD-SS-STFSCM to convert a male simplex ST singlemode connector to a male simplex SC singlemode connector.

Package Includes

- One transmitter unit
- One receiver unit
- One 0.5-meter USB Type A male-to-male cable
- One power supply
- User manual

Configuration and Cable Illustration

USB PC, SUN or MAC

USB2-FOSC-4 Local Unit

Singlemode/Multimode Fiber Cable (up to 820 feet)

AC Adapter

USB2-FOSC-4 Remote Unit

USB Peripheral Devices