

VGA Extender via One LC Singlemode Fiber Optic Cable

XTENDEX®

Extend a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 km)

- Signal transmission via single-strand LC fiber optic cable - no RF interference.
 - Using singlemode 9-micron cable, extend to 6.2 miles (10 kilometers).
 - Using multimode 50-micron or 62.5-micron cable, extend to 1,640 feet (500 meters).
- Supports local and remote VGA monitors.
- Supports computer resolutions to 1920x1080.
- Supports stereo audio speakers.
 - Can be used as an audio-only extender.
- Plug and play functionality – no software needed.
- Low RFI/EMI for sensitive applications.
- Built-in default EDID table.
- Supports the DDC2B protocol.
- Cables can be installed in conduit prior to extender installation.



XTENDEX ST-FOVARS-LC
(Local and Remote Unit)



The XTENDEX® VGA Extender via Fiber Optic Cable locates a VGA display, stereo audio speakers and RS232 up to 6.2 miles (10 kilometers) away from a computer using a single LC singlemode fiber optic strand and 1,640 feet (500 meters) using multimode fiber optic cable. Each extender consists of a transmitter that connects to a computer and also supplies video to a local monitor, and a receiver that connects to a monitor.

Specifications

Local Unit

- Supports a PC, SUN, or MAC with VGA video.
- Multiplatform support: Windows 2000/XP/Vista/7/8/10, Windows Server 2000/2003/2008/2012, Solaris, Linux, FreeBSD, and MAC OS 9/10.
- Supports resolutions to 1920x1200 at 60 Hz
- One female 15-pin HD connector for computer connection
- One female 15-pin HD connector for local VGA monitor.
- One female 3.5mm stereo audio jack.
- 3-pin screw terminal for RS232.
- One simplex LC fiber optic port for sending video/audio signals and DDC signal.

Remote Unit

- Resolutions supported by EDID table: 1920x1080, 1280x1024, 1280x768, 1280x720, 1024x768, and 800x600 @ 60Hz.
- One female 15-pin HD connector.
- One female 3.5mm stereo audio jack.
- 3-pin screw terminal for RS232.
 - Self-adaptive baud rate.
- One simplex LC fiber optic port for sending video/audio signals and DDC signal.

Power

- Local and remote unit:
 - Input: 100 to 240 VAC at 50 or 60Hz via AC adapter.
 - Output: 12VDC, 1A
- Power consumption: 6W max.

Environmental

- Operating temperature: 23 to 158°F (-5 to 70°C).
- Operating and storage relative humidity: 5 to 90% non-condensing RH.

Dimensions

- WxDxH (in): 6.06x4.53x0.99 (154x115x25 mm)

Warranty

- Two years

Max Distance

- 6.2 miles (10 km) over 9µm singlemode LC fiber optic cable.
- 1,640 feet (305 meters) over 50µm or 62.5µm multimode LC fiber optic cable.

Cables

- Use a simplex LC singlemode 9-micron fiber optic cable to extend the receiver from the transmitter up to 6.2 miles (10 km).
- Use a simplex multimode LC 50-micron or 62.5-micron fiber optic cable to extend the receiver from the transmitter up to 1,640 feet (500 meters).
- Cables not included.

Package Includes

- One transmitter unit
- One receiver unit
- Two SFP modules for fiber connection
- Two power supplies
- User manual