



Transmit HDMI & control up to 300m / 984 ft. over duplex multimode fiber

Transmit HDMI & control up to 10km / 6.2 miles over duplex single mode fiber with optional SFP+ module

Supports bi-directional IR & RS232 (selectable via dip switch)

Supports 18G HDMI 4K@60 4:4:4 8 bit

Supports multichannel audio

HDMI 2.0, HDCP 2.2 & HDR compatible

Swappable SFP+ module

LC fiber optic connectors

Automatic VLC compression/decompression for signals above 3 Gbps per channel (9 Gbps total)

TL-FO2-HDC | 18G HDMI & control over duplex fiber

The TechLogix TL-FO2-HDC transmits HDMI and bi-directional control over bulk duplex fiber, including full support for HDMI 2.0, HDCP 2.2, HDR, 4K@60 4:4:4 8 bit video and multichannel audio. Built-in VLC processing automatically compresses high-bandwidth signals for effective, long-distance transmission and then decompresses the stream maintaining signal integrity.

For added flexibility, the TL-FO2-HDC features a swappable SFP+ module, allowing the extender set to be adapted between multimode and single mode duplex fiber.

Fiber was made for AV. And no one understands Media over Fiber Optics™ better than TechLogix.

TL-FO2-HDC transmitter



TL-FO2-HDC receiver



Swappable SFP+ Module | adapt the TL-FO2-HDC from multimode to single mode fiber


The TL-FO2-HDC features a standard SFP+ port, allowing different SFP+ modules to be interchanged depending on the application. The standard unit ships with an installed multimode duplex SFP+ module.


TL-10GSFP-MM300 (included): adapt the TL-FO2-HDC for duplex multimode fiber. 300m (984 ft.) transmission distance.


TL-10GSFP-SM10K (sold separately): adapt the TL-FO2-HDC for duplex single mode fiber. 10km (6.2 mile) transmission distance. Two are required per set (one for the transmitter and one for the receiver).





TechLogix Fiber Optic Extender Quick Reference


TL-FO-DVI DVI over Fiber Extender Set		
<ul style="list-style-type: none"> ✦ Includes a transmitter, receiver & accessories ✦ Male DVI connectors ✦ Single LC fiber connector ✦ Single mode & multimode fiber compatible 	<ul style="list-style-type: none"> ✦ Extend 1080p up to 984 ft. (300m) ✦ Extend 1920x1200 video up to 984 ft. (300m) ✦ Powered via USB or standard AC 	

TL-FO-HD 10G HDMI over Fiber Extender Set		
<ul style="list-style-type: none"> ✦ Includes a transmitter, receiver & accessories ✦ Male HDMI connectors ✦ Single LC fiber connector ✦ Single mode & multimode fiber compatible 	<ul style="list-style-type: none"> ✦ Extend 1080p up to 1,300 ft. (400m) ✦ Extend 10G 4K@30 up to 984 ft. (300m) ✦ Powered via USB or standard AC ✦ HDMI 1.4 / HDCP 1.4 compliant 	

TL-FO2-HDC 18G HDMI & Control over Fiber Extender Set		
<ul style="list-style-type: none"> ✦ Includes a transmitter, receiver & accessories ✦ Duplex LC connector for multimode fiber ✦ Compatible with single mode fiber with swappable SFP+ module 	<ul style="list-style-type: none"> ✦ Supports 18G HDMI, bi-directional IR & bi-directional RS232 ✦ Extend signals up to 984 ft. (300m) ✦ HDMI 2.0 / HDCP 2.2 / HDR compliant 	

TL-IPFO-R01/T01 18G HDMI & Control over Fiber Distribution System		
<ul style="list-style-type: none"> ✦ Transmitters & receivers sold separately ✦ Operates as a point-to-point extender set or as an AV over IP distribution system ✦ Duplex LC connector for multimode fiber ✦ Compatible with single mode fiber with swappable SFP+ module 	<ul style="list-style-type: none"> ✦ Supports 18G HDMI, bi-directional IR, bi-directional RS232 & Ethernet pass-through ✦ Extend signals up to 984 ft. (300m) ✦ HDMI 2.0 / HDCP 2.2 / HDR compliant ✦ Analog audio de-embedding ✦ Zero frame rate latency & seamless switching 	

TL-FO-USB2-01 USB 2.0 over Fiber Extender Set		
<ul style="list-style-type: none"> ✦ Includes a transmitter, receiver & accessories ✦ Duplex LC connector for multimode fiber ✦ Compatible with single mode fiber with swappable SFP module 	<ul style="list-style-type: none"> ✦ Supports USB 2.0 (Hi-Speed) & USB 1.1 (Low/Full Speed) ✦ Extend signals up to 1,640 ft. (500m) ✦ Built-in four port USB hub 	

TL-FO-USB3-01 USB 3.0 over Fiber Extender Set		
<ul style="list-style-type: none"> ✦ Includes a transmitter, receiver & accessories ✦ Duplex LC connector for multimode fiber ✦ Compatible with single mode fiber with swappable SFP module 	<ul style="list-style-type: none"> ✦ Supports USB 3.0 (SuperSpeed) ✦ Extend signals up to 330 ft. (100m) ✦ Built-in two port USB hub 	