

Technical Specifications

TL-FO-USB2-01

Features at a Glance

- 4-port USB 2.0 extender supporting all USB 2.0/1.1 devices up to 480 Mbps
- Up to 500m (1640 feet) extension using OM2 multimode fiber
- Integrated hub supplying up to 1 Amp to each USB port; 2.5 Amps total shared
- Electrical isolation
- Mass Storage Acceleration for USB 2.0 device bulk transfers
- Metal enclosures with FCC/CE Class B certification
- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems



The TechLogix Network TL-FO-USB2-01 allows users to extend USB 2.0/1.1 connections up to 500m using OM2 (or better) fiber optic cable. This 4-port USB 2.0 multimode fiber extender supports data rates at up to 480 Mbps and is plug and play – no software drivers required – for all major operating systems: Windows®, macOS™, and Linux®.

Additionally, this ExtremeUSB® based USB 2.0 multimode fiber extender system is FCC/CE Class B certified and ideal for use with all USB peripherals including: keyboards, mice, interactive white boards, flash drives, hard drives, audio devices, web cameras and any other USB 2.0 or 1.1 device.

Specifications

Host (TX) I/O Connections	
USB Connector:	1 x USB 2.0 Type B Receptacle
Link Connector:	1 x Duplex LC Connector
Client (RX) I/O Connections	
USB Connectors:	4 x USB 2.0 Type A Receptacles
Link Connector:	1 x Duplex LC Connector
Power Connector:	Locking, 2.5 mm, center-positive
Supported USB Signal Characteristics	
Bandwidth	USB 2.0: Up to 480 Mbps USB 1.1: Up to 12 Mbps
Available Current (Client)	1 A for each USB Port; 2.5 A total available
Supported Cable Characteristics	
Maximum Distance	500m (16400 ft.)
Cable Requirements	Duplex OM2 or OM3
Chassis and Environmental	
Enclosure	Anodized Aluminum
Dimensions	100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")
Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-20°C to 70°C (-4°F to 158°F)
Operating Humidity:	20% to 80% relative humidity, non-condensing
Storage Humidity:	10% to 90% relative humidity, non-condensing
Power and Regulatory	
Power Supply:	100-240V AC Brick, Locking; 5V DC 1A output
Regulatory	FCC (Class B), CE (Class B), RoHS2 (CE), Works with AIA USB3 Vision™ compliant devices
Other	
Standard Warranty	3 Years
Diagnostic Indicators	Power, Link, Host, and Activity LEDs
Included Items	Power supply, US power cord, USB 2.0 A to USB 2.0 B cable

Dimensional Drawings

