

350m Fibre Optic USB 3.0 Extender Part No.: 42708



Description

- Extends USB 3.0 connections up to 350m
- Supports data transfer rates up to 5Gbps
- Uses standard “off the shelf” LC duplex fibre cabling
- Resistant to RF & EM Interference for use in highly sensitive areas
- 2 year warranty

Fibre Optic USB extenders allow USB signals to be extended far beyond the limits of traditional copper cable solutions. The Lindy 350m Fibre Optic USB 3.0 Extender supports SuperSpeed transfer rates of up to 5Gbps. This Extender is a complete, two-part hardware solution comprising of a transmitter that connects directly to the user's computer and receiver that connects to the USB peripheral, using “off the shelf” LC duplex fibre cabling.

The extender is ideal for long distance use with remote desktop links, industrial control systems, surveillance control rooms and external storage applications. This device is fully compatible with, and can be used to extend signals from, 4K USB 3.1/3.0 webcams and video conferencing systems. Utilising fibre optic transmission, this extender provides high resistance to EMI and RFI, perfect for use in “noisy” areas such as hospitals, large retail installations or industrial buildings.

Please note: This Extender is not backwards compatible with USB 2.0.

Information about USB 3.0, 3.1 & 3.2

USB 3.0, USB 3.1 and USB 3.2 PCs, cables and devices are all compatible with each other, when using either a USB Type A or USB Type C host interface.

USB 3.0, USB 3.1 Gen 1 and USB 3.2 Gen 1 all support data transfer rates up to 5 Gbps. USB 3.1 Gen 2 and USB 3.2 Gen 2 both support data transfer rates up to 10 Gbps.

Technical details

Specifications

- USB Standard: USB 3.1 Gen 1 / USB 3.0
- Supported Bandwidth: 5Gbps
- Maximum Distance: 350m (1148.28ft)
- Transmission Medium:
 - 100m (328.08ft) - 1 x Multimode 62.5µm/125µm OM1
 - 200m (656.16ft) - 1 x Multimode 50µm/125µm OM2
 - 350m (1148.28ft) - 1 x Multimode 50µm/125µm OM3
- Chipset: TI TUSB8041 and Macom
- Special Features: Supports isochronous data transfer

Connectors

- Transmitter Input: USB Micro-B (Female)
- Transmitter Output: Duplex LC (Female)
- Receiver Input: Duplex LC (Female)
- Receiver Output: USB Type-A (Female)
- Power: 5.5/2.1mm DC socket

Physical Properties

- Dimensions WxDxH: 57x93x28mm (2.24x3.66x1.1in)
- Housing Material: Metal
- Net Weight:
 - Transmitter: 0.125kg (0.28lb)
 - Receiver: 0.129kg (0.28lb)
- Operating Temperature: 0° - 50°C (32°F - 122°F)
- Storage Temperature: -20°C - 70°C (-4°F - 158°F)
- Humidity: 20 - 80% RH (non-condensing)
- Power Requirements: 5VDC 3A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 151x127x112mm (5.94x5x4.40in)
- Gross Weight: 0.643kg (1.42lb)
- Warranty (Years): 2
- Certificated: CE, FCC, REACH, ROHS, California Proposition 65

Package Contents

- 1 x Transmitter
- 1 x Receiver
- 1 x Multi-Country PSU DC 5V 3A (EU/UK/US/AUS)
- Lindy Manual

Purchasing information

- No.: 42708
- EAN: 4002888427081

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