



100m Fibre Optic USB 3.2 Type C Extender

No.: 43312

100m USB 3.2 Gen 2 Extension via fibre optic cabling

Description

- Extends USB 3.2 Gen 2 connections up to 100m
- Supports data transfer rates up to 10Gbps
- 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 100m Fibre Optic USB 3.2 Type C Extender supports SuperSpeed transfer rates of up to 10Gbps. This Extender is a complete and compact 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 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. The Fibre Optic USB 3.2 Type C Extender is supplied with a USB Type A to Micro-B cable which can be attached to a second USB port or to a USB Power supply [not included] should additional power be required.

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 3.2 / 3.1 Gen 2
- Supported Bandwidth: 10Gbps
- Maximum Distance: 100m [328.08ft]
- Transmission Medium: Multimode 50µm/125µm OM3
- Chipset: Silicon Line SL86050

- Special Features: -

Connectors

- Transmitter Input: USB Type C (Male)
- Transmitter Output: Duplex LC (Female)
- Receiver Input: Duplex LC (Female)
- Receiver Output: USB Type C (Male)
- Power: USB Micro-B

Physical Properties

- Dimensions WxDxH: 58x20x9mm [2.28x0.79x0.35in] per unit
- Housing Material: Metal
- Net Weight:
 - Transmitter: 0.039kg [0.09lb]
 - Receiver: 0.039kg [0.09lb]
- Operating Temperature: 0° - 50°C [32°F - 122°F]
- Storage Temperature: -10°C - 70°C [14°F - 158°F]
- Humidity: 10 - 80% RH [non-condensing]
- Power Requirements: 5VDC 2A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 220x50x160mm [8.66x1.97x6.3in]
- Gross Weight: 0.19kg [0.42lb]
- Warranty (Years): 2
- Certificated: CE, FCC, REACH, ROHS, California Proposition 65

Package Contents

- 1 x Transmitter
- 1 x Receiver
- 1 x USB Cable USB Type A to Micro-B, 0.95m
- Lindy Manual

Purchasing information

- No.: 43312
- EAN: 4002888433129