

KVM Extender DP 1.4 & USB 2.0 Fiber MPO 200m No.: 39380



Description

- Extends DisplayPort 1.4 and USB 2.0 signals up to 200m over a single cable
- Supports uncompressed DisplayPort signals up to 8K
- Supports the extension of up to four USB 2.0 devices*
- Uses a single MPO/MTP Fibre Optic cable
- 2 Year Warranty

Designed for highly demanding use cases the DisplayPort 1.4 & USB 2.0 KVM Extender is capable of supporting DisplayPort 1.4 resolutions up to Ultra HD 8K (7680x4320) at distances of up to 200m using a single MPO/MTP cable (OM3 12 Core Method A 1:1). Using fibre optic technology the Extender is capable of extending these Ultra HD video signals in real time without compression over long distances whilst also extending four USB 2.0 devices* such as a keyboard, mouse and USB drive. The Transmitter and Receiver units are electronically isolated from one another removing the risk of damage via ground loop.

* Please Note: Isochronous USB devices such as Webcams and Audio interfaces are not supported.

Package Contents:

Fibre Optic DisplayPort 1.4 & USB 2.0 KVM Extender (1 x Transmitter, 1 x Receiver)
2 x 5V 3A Multi-Country (EURO, UK, US & AUS) Power Supply
LINDY Manual

Technical details

DisplayPort features

- Supports DP 1.4 and has enough bandwidth for resolutions up to 7680 x 4320
- Supports highest DP resolutions and MST (multi-monitor operation via MST hubs), but not DP ++, conversion to other interfaces only via active converters (Eyefinity, Surround, Collage)
- Supports HBR2, bandwidth up to 8.1Gbps per lane, 32.4 Gbps total
- Uncompressed transmission of the monitor signals in real-time without any loss of quality

USB 2.0 features

- Supports except isochronous almost all USB 2.0 devices
- When connecting isochronous webcams and audio adapters, incompatibilities can occur until the USB function is aborted
- Data transfer rates up to 11 Mbyte / s. total, approximately 1/4 the maximum USB 2.0 data rate
- Supports USB hubs and other devices

MPO / MTP Fibre Optic Link & Features:

- Laser Class 1 product with 0.5mW output power and automatic laser cut-off with retracted or broken MPO cable

- Automatic shutdown of the optical transmitters when the input signals are switched off
- For use with 12-core MPO cables OM3 1:1 - Note see below

Technical specifications:

- Dimensions approx. 18 x 12 x 3 cm each, TX and RX without MPO cable
- Weight approx. 0.6kg each, TX and RX, without accessories
- Total weight approx. 1.7kg incl
- Temperature range Operation: -10 ° C to 50 ° C, storage -20 ° C to 75 ° C
- For indoor use in well ventilated locations
- Current consumption approx. 0.5A / 2.5W (transmitter), approx. 0.8A / 4W (receiver) plus connected USB devices

Notifications:

- An MPO / MTP OM3 cable (1: 1 by Method A) to the required length to 200m
- Keep the glass fibre plugs and sockets dust-free! Keep the dust caps on.
- Avoid high tensile or other forces on the glass fibre cables!
- Never bend the fibre-optic cable less than the permitted minimum bending radius, approx. 10cm - for details, see manufacturer's instructions!