

300m Fibre Optic HDMI 4K30 Extender

Part No.: 38170



Description

- Extend HDMI signals at distances of up to 300m using a single LC multimode mode fibre cable
- Supports resolutions up to 3840x2160p@60Hz 4:2:0 8bit
- 10.2 Gbps Total Bandwidth over Single 2-core Fibre Optic Cable Link
- Supports lossless audio formats including Dolby TrueHD and DTS-HD
- 2 year warranty

HDMI fibre optic extenders provide reliable extension of HDMI signals over greater distances that are not possible with passive or network cabling solutions. Fibre cable also provide high immunity to RF and EM interference, making this ideal for use in industrial or other high interference installations.

The Lindy Fibre Optic HDMI 4K30 Extender is a cost effective, high performance solution for sending reliable HDMI signals over longer distances using low cost fibre optic cable.

Supporting a maximum resolution of 3840x2160@60Hz, video content can be seen with incredible 4K UHD clarity at distances up to 300m, perfect for use in commercial situations that require the source and display to be positioned far apart that may also include video wall setups or presentation equipment, as well as other applications in pro-AV and digital signage. With support for multi-channel audio, this device will ensure an impressive three-dimensional surround sound performance to compliment video content.

As opposed to other extender solutions, this system requires only a single OM3 LC duplex multimode (50/125µm) fibre cable, which can be detached from the transmitter and receiver, also ensuring cabling can be ran though smaller spaces for a simple installation process.

The extender system comprises two modules, a transmitter and a receiver, which are connected directly to both the HDMI source and display. This allows each device to be connected to a range of source devices including media players and Blu-ray players to display monitors and TVs. The modules are then connected together using a single, standard LC duplex single mode fibre cable of up to 300m in length (fibre optic cable is not included).

Technical details

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 2.0
- Supported Bandwidth: 10.2 Gbps
- Maximum Distance: 300m (984.24ft)

- Maximum Resolution: 3840x2160@60Hz 4:2:0 8bit
- HDCP Support: Pass-through
- EDID Pass Through: Pass-through
- Supported Audio: Pass-through
- Separate Audio Ports: -
- IR Support: -
- CEC Support: -
- Serial Interface: -
- Transmission Protocol: -
- Transmission Medium: 1 x Duplex LC (50/125µm)
- Laser Class (only for Fibre): 1
- Wavelength (only for Fibre): 850nm
- Chipset: -
- Special Features: Auto Laser Disabling Function

Connectors

- Transmitter Input: HDMI (Male)
- Transmitter Output: Duplex LC
- Receiver Input: Duplex LC
- Receiver Output: HDMI (Male)
- Bidirectional Ports: -
- Power: USB Micro-B

Physical Properties

- Dimensions WxDxH: 75x20x12mm (2.95x0.79x0.47in) per unit
- Housing Material: Metal
- Net Weight: 0.048kg (0.11lb) per unit
- Operating Temperature: 0°C - 60°C (32°F - 140°F)
- Storage Temperature: -10°C - 70°C (14°F - 158°F)
- Humidity: 10 - 75% RH (non-condensing)
- Power Requirements: -
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 160x220x50mm (6.3x8.66x1.97in)
- Gross Weight: 0.2kg (0.44lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS & REACH

Package Contents

- Transmitter unit
- Receiver unit
- 2 x USB A/Micro-B cable
- Lindy manual

Purchasing Information

- No.: 38170
- EAN: 4002888381703