



300m Fibre Optic HDMI 18G Extender

No.: 38179

Converts & transmits HDMI signals up to 300m over duplex LC OM3 multimode fibre optic cable.

Description

- Extends HDMI signals up to 300m using a single LC multi-mode cable
- Supports resolutions up to 4K Ultra HD @ 60Hz
- Experience an expanded range of contrasts and colours with HDR (High Dynamic Range)
- Supports lossless HDMI audio formats including Dolby Atmos & DTS-X
- 2-year warranty

The Lindy Fibre Optic HDMI 18G Extender is an effective, reliable solution for extending 4K UHD HDMI transmissions over incredible distances up to 300m using duplex LC OM3 multi-mode (50/125µm) fibre optic cable.

The extender can transmit full 4K@60Hz signals, using smart methods of compression which decompresses the video at the receiver, allowing for distribution of visually lossless UltraHD content. With HDR (High Dynamic Range) support, content can be seen enhanced contrast, and a much wider colour gamut, perfect for a true home cinema experience or eye-catching digital signage in retail settings. HDCP 2.2 compatibility allows protected 4K UHD content, including Blu-Ray movies, TV shows & streaming services to be enjoyed without issue.

Support for lossless audio formats including Dolby Atmos & Dolby TrueHD adds powerful multi-channel sound to video content, providing an enhanced experience and sense of realism to the viewer.

The use of cost-effective LC OM3 multi-mode fibre optic cabling allows for the transmission of high bandwidth audio and video signals over incredible distances, far greater than is achievable with traditional copper-based extension systems. Fibre optic cables are also completely immune to any electromagnetic and radio frequency interference which makes this extender an ideal solution for installations within environments susceptible to high interference such as medical, aerospace and manufacturing facilities. The cables size and flexibility also allow for easy installation under floors and within wall partitions.

The integrated HDMI fly-lead, low power requirement and super slim form factor provide invaluable flexibility when incorporating this extender into new and existing installations. This built-in flexibility allows each module to be placed in a convenient location near the source and display without blocking ports and creating a discreet installation. The transmitter and receiver can be connected and powered by a variety of HDMI source and display devices such as Blu-Ray players, 4K HDR media players and projectors using the included USB Micro-B cable.

Technical details

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 2.0
- Supported Bandwidth: 18Gbps
- Maximum Distance: 300m (984.24ft)
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: Pass-through
- EDID Pass Through: Pass-through
- Supported Audio: Pass-through
- Transmission Medium: 1 x Duplex LC (50/125µm)
- Laser Class (only for Fibre): 1
- Wavelength (only for Fibre): 850nm
- Special Features: Auto Laser Disabling Function

Connectors

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

Physical Properties

- Dimensions (approx.) WxDxH: 30x124.5x11.3mm (1.18x4.9x0.44in) per unit
- Housing Material: Metal
- Net Weight: 0.145kg (0.32lb) per unit
- Operating Temperature: 0°C - 50°C (32°F - 122°F)
- Storage Temperature: 10°C - 70°C (14°F - 158°F)
- Humidity: 0-85% RH (non-condensing)
- Power Requirements: 5V DC 1A
- Colour: Black

Miscellaneous

- Packaging Type: Carton box
- Packaging Dimensions: 220x50x160mm (8.66x1.97x6.3in)
- Gross Weight: 0.56kg (1.23lb)
- Warranty (Years): 2
- Certified: CE, FCC, RoHS, REACH & California Proposition 65

Package Content

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

Purchasing Information

- No.: 38179
- EAN: 4002888381796