



Product Data Sheet

Lindy 300m Fibre Optic HDMI 4K30 Extender

Description



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).

Product	SKU
LINDY 300M FIBRE OPTIC HDMI 4K30 EXTENDER	LIN-38170



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Key Benefits

- 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

Technical Specification

Lindy 300m Fibre Optic HDMI 4K30 Extender Specification

Specifications	Laser Class (only for Fibre): 1
AV Interface: HDMI	Wavelength (only for Fibre): 850nm
Interface Standard: HDMI 2.0	Chipset: -
Supported Bandwidth: 10.2Gbps	Special Features: Auto Laser Disabling Function
Maximum Distance: 300m (984.24ft)	Connectors
Maximum Resolution: 3840x2160@60Hz 4:2:0 8bit	Transmitter Input: HDMI (Male)
HDCP Support: Pass-through	Transmitter Output: Duplex LC
EDID Pass Through: Pass-through	Receiver Input: Duplex LC
Supported Audio: Pass-through	Receiver Output: HDMI (Male)
Separate Audio Ports: -	Bi-directional Ports: -
IR Support: -	Power: USB Micro-B
CEC Support: -	Physical Properties
Serial Interface: -	Dimensions (approx.) WxDxH: 75x20x12mm (2.95x0.79x0.47in) per unit
Transmission Protocol: -	Housing Material: Metal
Transmission Medium: 1 x Duplex LC (50/125µm)	Net Weight: 0.048kg (0.11lb) per unit



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Physical Properties	Gross Weight: 0.2kg (0.44lb)
Operating Temperature: 0°C - 60°C (32°F - 140°F)	Warranty (Years): 2
Storage Temperature: -10°C - 70°C (14°F - 158°F)	Certified: CE, UKCA, FCC, RoHS, REACH & California Proposition 65
Humidity: 10 - 75% RH (non-condensing)	Package Contents
Power Requirements: -	Transmitter unit
Colour: Black	Receiver unit
Miscellaneous	2 x USB A/Micro-B cable
Packaging Type: Carton box	Lindy Manual
Packaging Dimensions: 160x220x50mm (6.3x8.66x1.97in)	