38170

300M 4K HDMI EXTENDER, FIBER OPTIC

38170

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).

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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PRODUCT DETAILS

KEY FEATURES

- 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
- 10.2Gbps Total Bandwidth over Single 2-core Fibre Optic Cable Link
- Supports lossless audio formats including Dolby TrueHD and DTS-HD
- 2 year warranty

SPECIFICATIONS

AV Interface	HDMI®
Interface Standard	1.4
Supported Bandwidth	10.2Gbps
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
Transmission Medium	1 x Duplex LC (50/125µm)
Laser Class (only for Fibre)	1
Wavelength (only for Fibre):850mm	
Special Features	Auto Laser Disabling Function
Transmitter Input	HDMI® (Male)
Transmitter Output	Duplex LC

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Receiver Input	Duplex LC
Receiver Ouput	HDMI® (Male)
Power	USB Micro-B
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)
MTBF	486495 hours
Colour	Black
Unit	Transmitter and Receiver

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