



100m MPO Fibre Optic HDMI 8K60 Extender

No.: 38360

Extend HDMI® signals up to 100m over one MPO Type A multimode fibre optic cable

Description

Extend HDMI® signals up to 100m using a Type A MPO OM3 multimode 12x50/125µm fibre optic cable

Medical compliance provided

Supports 48Gbps bandwidth [4*12Gbps] for UHD resolutions up to 8K@60, lossless HDR and multi-channel audio formats

Low EMI and low power consumption for medical and industrial environments

3-year warranty

The Lindy MPO Fibre Optic HDMI® 8K60 Extender is an effective, reliable solution for extending UHD HDMI® transmissions over distances up to 100m using one Type A MPO OM3 multimode fibre optic cable.

The extender can transmit 7680x4320@60Hz 4:4:4 10bit signals up to 100m with a MPO cable with no compression, allowing for distribution of lossless UltraHD content. With HDR (High Dynamic Range), HLG and Dolby Vision support, content can be seen enhanced contrast, and a much wider colour gamut and the support for lossless audio formats including Dolby Atmos & Dolby TrueHD adds powerful multi-channel sound to video content, provide an enhanced experience and sense of realism to the viewer.

The use of MPO multi-mode fibre optic cabling allows for the transmission of high bandwidth data over long distances. 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 compact size and flexibility also allow for easy installation under floors and within wall partitions.

The low power requirement and super slim form factor provide invaluable flexibility when incorporating this extender into new and existing installations. Both units have integrated fibre optic cables with MPO Male connectors, a Type A MPO Female to Female cable (not included) can be connected to the units using two included MPO couplers.

Both units also have integrated USB cables to provide power, the transmitter unit can be powered by the HDMI® source while the receiver needs to be powered via USB port connecting it to a 5V USB charger or any powered USB port.

Compliance

Safety: IEC62368-1:2018

NRTL: UL62368-1:2019 Third Edition, CAN/CSA C22.2 No.62368-1:19 Third Edition

Laser safety: IEC60825-1:2014, IEC60825-2:2021 class 1

EMC: CE [EN55035:2017+A11:2020, EN55032:2015+A11:2020+A1:2020] class B, EN60601-1-2:2015+A1:2021 Clause 7, Clause 8 class B

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.

Technical details

Specifications

AV Interface: HDMI®
Supported Bandwidth: 48Gbps as specified in 2.1 release
Maximum Distance: 100m [328.08ft]
Maximum Resolution: 7680x4320@60Hz 4:4:4 10bit
HDCP Support: 2.2
EDID Pass Through: Pass-through
Supported Audio: Pass-through
Transmission Medium: 1 x MPO OM3 multi-mode fibre
Laser Class (only for Fibre): 1
Wavelength (only for Fibre): 850nm
Special Features: USB-powered units, medical compliance

Connectors

Transmitter Input: HDMI® Type A (Male)
Transmitter Output: MPO (Male)
Receiver Input: MPO (Male)
Receiver Output: HDMI® Type A (Male)
Power: USB Type A (Male)

Physical Properties

Dimensions (approx.) WxDxH: 139.7x20.6x11mm [5.5x0.81x0.43in] each unit
Housing Material: PVC
Net Weight: 0.072Kg [0.16lb]
Operating Temperature: 0°C - 50°C [32°F - 122°F]
Storage Temperature: -25°C - 75°C [-13°F - 167°F]
Humidity: 10-90% RH (non-condensing)
Power Requirements: 1.38W (max)
Colour: black

Miscellaneous

Packaging Type: Carton box
Packaging Dimensions: 240x240x65mm [9.45x9.45x2.56in]
Gross Weight: 0.18Kg [0.4lb]
Warranty (Years): 3
Product Compliance: CE, UKCA, FCC, RoHS, REACH, California Proposition 65, medical compliance

Package Content

Transmitter unit
Receiver unit
2 x MPO coupler
Lindy manual

Purchasing Information

No.: 38360
EAN: 4002888383608