HDMI 2.0 18G UHD/HDR Repeater/Extender

Part No.: 38211



Description

- Extends HDMI 2.0 signals by connecting two cables to make longer transmission distances
- Supports Ultra HD resolutions up to 4K 60Hz, including 1080p 3D
- HDCP 2.2 and HDR 10 compatible
- Powered by the HDMI interface, no power supply required
- 2 year warranty

The HDMI 2.0 Active Repeater is a cost effective solution for creating a long distance connection by joining two HDMI cables to make a longer connection than is possible using a single HDMI cable.

The Repeater is capable of supporting up to 17.82 Gbps bandwidth which allows support for all Ultra HD resolutions defined within the HDMI 2.0 specification including compatibility with High Dynamic Range (HDR10) for brighter more vivid colours.

With support for both HDCP 1.4 and 2.2 the Repeater is suitable for use with modern Ultra HD 4K content in addition to existing Full HD 1080p signals, making it suitable for both IT and AV applications and ideal for future proofing your installation.

Maximum Cable lengths (using LINDY Gold 24AWG Cable): Input/Output:

- 17.8G Bandwidth - 4K 60Hz 4:4:4 8bit, 60Hz 4:2:2 12bit: 10m/10m
- 13.4G Bandwidth - 4K 60Hz 4:2:0 12bit, 30Hz 4:4:4 12bit: 15m/10m
- ≤8.9G Bandwidth - 4K 60Hz 4:2:0 8bit, 1080p 60Hz 4:4:4 16bit: 20m /20m

If you need to achieve longer distances we recommend the LINDY Cascadeable HDMI 2.0 Active Repeater.

Package Contents:
HDMI 2.0 18G UHD HDR Repeater
LINDY Manual

Technical details

- HDMI Version: 2.0b
- Bandwidth: 17.82Gbps
- Maximum Cable Distance:
    - 17.8G Bandwidth - 4K 60Hz 4:4:4 8bit, 60Hz 4:2:2 12bit: 10m/10m
    - 13.4G Bandwidth - 4K 60Hz 4:2:0 12bit, 30Hz 4:4:4 12bit: 15m/10m
    - ≤8.9G Bandwidth - 4K 60Hz 4:2:0 8bit, 1080p 4:4:4 16bit: 20m /20m
- HDCP Version: 2.2, backwards compatible with 1.x
- HDMI Audio Support: Pass-through
- HDR Support: HDR10

- ARC Support: No
- CEC Support: Pass-through
- EDID: Pass-through
- HEC Support: No
- 3D Support: Pass-through
- Ports:
    - Input: HDMI A Female
    - Output: HDMI A Female
- Chipset: ITE IT66311
- Housing: Metal, black
- Power Supply: HDMI Interface
- Operating Temperature: 0-45^{0}C
- Operating Humidity: 20-90% RH non-condensing
- Storage Temperature: -20 - 60^{0}C
- Dimensions (WxDxH): 28x51x13mm
- Weight: 0.022kg

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