

40m HDMI 2.0 18G Repeater Premium

Part No.: 38210



Description

- Extends Ultra HD 4K HDMI 2.0 signals - connects two HDMI cables together to make longer transmission distances
- Supports resolutions up to 4K Ultra HD 60Hz YUV 4:4:4 8 bit video signals
- Supports HDR10 and HDCP 2.2 content
- Powered from the HDMI interface, no external power required
- 2 Year Warranty

Featuring two female HDMI ports the HDMI 2.0 4K Repeater is used to join two HDMI cables to make a longer connection than is possible using a single passive HDMI cable. With support for 4K Ultra HD 60Hz YUV 4:4:4 video signals, HDR10 (10 bit High Dynamic Range) and HDCP 2.2 protected content the Repeater is suitable for use with modern Ultra HD 4K content in addition to existing Full HD 1080p signals.

The Repeater is capable of supporting up to 18 Gbps bandwidth and supports the following cable distances when using LINDY GOLD HDMI cables, using lower grade cables will reduce the possible cable lengths:

- 17.8G 4K Resolutions: 60Hz 4:4:4 8bit / 60Hz 4:2:2 12bit 10m In/10m Out
- 13.4G 4K Resolutions: 60Hz 4:2:0 12bit / 30Hz 4:4:4 12bit 15m In/10m Out
- 8.9G 4K Resolutions: 60Hz 4:2:0 8bit, 30Hz 4:4:4 8bit / 4:2:2 12bit 20m In/20m Out

To create even longer length extensions up to 10 repeaters may be cascaded with all cascaded Repeaters requiring an external [power supply](#).

Package Contents:

HDMI 2.0b 18G Repeater
This manual

Technical details

- Allows HDMI 2.0b signals to be sent over long distances using standard HDMI cables
- Supports resolutions up to 4K 3840x2160p60, including 1080p 3D
- HDMI v2.0b compatible, supports signals up to 18Gbps
- Maximum Input/Output Cable lengths (using LINDY Gold 24AWG Cable):
 - 17.8G 4K Resolutions: 60Hz 4:4:4 8bit / 60Hz 4:2:2 12bit 10m In/10m Out
 - 13.4G 4K Resolutions: 60Hz 4:2:0 12bit / 30Hz 4:4:4 12bit 15m In/10m Out
 - 8.9G 4K Resolutions: 60Hz 4:2:0 8bit, 30Hz 4:4:4 8bit / 4:2:2 12bit 20m In/20m Out
- HDCP v2.2/1.4 compatible
- HDR10 compatible
- CEC pass-through

- Powered via HDMI Interface, with 3.5/1.35mm DC socket for an optional external [power supply](#)
- Cascades up to 10 layers (requires external power, not included)
- Input and Output Connector: HDMI Type A female
- ITE IT66311 Chipset
- Metal housing
- Operating Temperature: 0-45⁰C
- Operating Humidity: 20-90% RH non-condensing
- Storage Temperature: -20 - 60⁰C
- Dimensions: 43x81x23mm (WxDxH)
- Weight: 0.095kg