15m Fibre Optic Hybrid Ultra High Speed HDMI Cable

No.: 38381

HDMI 2.1 AOC Cable

Description

- Combines copper and fibre optic cable for a hybrid, long distance HDMI connectivity solution.
- Supports resolutions up to 4K@120Hz, 8K@60Hz as well as both static and dynamic HDR formats including Dolby Vision & HDR10+.
- Ultra High-Speed HDMI certified with support for HDMI features including VRR and eARC.
- Flexible cable structure for simple, minimal installations.
- 2-Year Warranty.

Lindy's range of Fibre Optic Hybrid HDMI 2.1 Cables are a revolutionary solution for extending HDMI signals over longer distances. Combining the flexibility and high EMI & RFI resistance of fibre optic cable with standard copper cabling, these hybrid cables are ideal for use in critical AV setups, commercial displays or high-performance residential installations. The internal technology provides uncompressed amplification of the HDMI signal, allowing long distance extension of HDMI 2.1 content that is not simply not possible of passive cables.
With a narrow, flexible cable structure and premium metal connectors, these cables can also be easily installed through conduit and other compact spaces.

With full HDMI 2.1 certification, these cables come with the full feature set provided of Ultra High Speed certified cables:

Optimum 48Gbps Bandwidth

With 48Gbps support, these cables allow for uncompressed transmission of HDMI 2.1 and it's various features. It is also backwards compatible with previous HDMI versions.

Sparkling High Resolution Support

Supporting resolutions up to 3840x2160@120Hz, and 7680x4320 / 10240x4320 @60Hz, content can be viewed with incredible detail and clarity at higher refresh rates for optimum viewing of movies, graphics or imagery. High resolution support at extended distances is crucial for eye catching digital signage, graphical design, or broadcasting.

Impressive Dynamic HDR Support

As well as static HDR, HDMI 2.1 also brings further support for dynamic HDR formats such as Dolby Vision and HDR10+. This provides every moment of content, whether scene by scene or even frame by frame, with a much wider colour gamut based on the BT.2020 colour space, higher peak brightness and deep blacks for optimum contrasts as well as greater depth of colour. This is essential for the transmission of VOD content including Tv shows and movies, as well as

VR and video games, ideal in eSports, retail setups and superior home cinema installations.

Immersive Spatial and Object Based Audio

The advance of audio control and formats is also brought forward with HDMI. eARC support further simplifies connectivity with compatible sound systems, amplifiers and soundbars, passing lossless audio from the source to the connected output over the cable. eARC also supports high bitrate audio with a sample rate of up to 192kHz and up to 32 channels. This allows for the use of object ased audio formats such as Dolby Atmos and DTS:X, truly surrounding the viewer in immersive sound to enhance and compliment the video content. This is great for multi-dimension residential setups, cinema installations, or inspiring event distribution.

Perfect for Gaming, Movies & Sports content with VRR, ALLM and QFT.

Whether used with residential gaming setups or premium eSports events, these AOC cables also provide extensive features for enhancing the gaming experience, whilst also benefitting fast moving sports and entertainment content. VRR (Variable Refresh rate) reduces and eliminates lag, judder and frame tearing for a much fluid gameplay experience whether it's for quick reactions in an action game or scoring a last minute winner in sports games. ALLM (Auto Low Latency Mode) further helps this by enabling the ideal latency setting for smooth transitions of content. QFT (Quick Frame Transport) also assists with ensuring low latency, by transporting frames at a higher rate which can prove essential with real time VR gameplay. These features also benefit various other industries such as sports bar distribution, medical facilities, experiential displays or news broadcasting.

Technical details

Connectors

- Connector A: HDMI Type A (Male)
- Connector B: HDMI Type A (Male)
- Housing Material: Zinc Alloy
- Connector Plating: Gold Plated
- Pin Construction: Gold Plated
- Pin Plating: Gold Plated
- Dimensions (approx.) WxDxH: HDMI Connector: 20.2x38x9mm (0.8x1.5x0.35in)

Cable Construction

- Length: 15m (49.21ft)
- Standard: HDMI 2.1
- Colour: Black
- Type: Round
- Jacket Diameter: 4.5mm (0.18in)
- Jacket Material: PVC
- Conductor Material: Gold Plated Copper
- Conductor Gauge: 24AWG
- Shielding: -

Specifications

- Supported Bandwidth: 48Gbps
- Maximum Resolution: 7680x4320@60Hz 4:2:0 10bit, 3840x2160@120Hz 4:4:4 10bit
- Nominal Attenuation: -1dB~-2dB
- Minimum Bend Radius: 20mm (0.79in)
- Operating Temperature: 0°C - 50°C (32°F - 122°F)
- Storage Temperature: -20°C - 85°C (-4°F - 185°F)

Miscellaneous

- Packaging Type: Carton Box
- Warranty (Years): 2
- Certificated: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Purchasing Information

- No.: 38381
- EAN: 4002888383813

This product is also available in other lengths:

- 38380 - 10m (32.81ft)
- 38382 - 20m (65.62ft)

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