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30M FIBRE OPTIC HYBRID HDMI 8K60 CABLE

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Lindy_s range of Fibre Optic Hybrid cables are a professional 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® 8K content that is simply not possible with passive cables. With 48Gbps bandwidth, these cables support 2.1 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.

As well as static HDR, HDMI® hybrid cables 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.

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 based 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.

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.

Please Note: eARC/ARC and CEC functions are not supported for lengths over 20m. We can make cables up to 200m on request, contact us for quotations. 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

- Combines copper and fibre optic cable for a hybrid, long distance HDMI® connectivity solution
- Supports resolutions up to 4K@120Hz, 8K@60Hz
- HDR formats including Dolby Vision & HDR10+
- Flexible and robust cable structure for any kind of installations
- 2-Year Warranty

SPECIFICATIONS

Connector A	HDMI® Type A (Male)
Connector B	HDMI® Type A (Male)
Housing Material	PVC
Connector Plating	Gold Plated
Pin Construction	Gold Plated
Pin Plating	Gold Plated
Dimensions (approx.) WxDxH	HDMI® Connector
Length	30m (98.43ft)
Standard	2.1
Colour	Black
Type	Round
Jacket Diameter	4.4mm (0.17in)
Jacket Material	PVC
Conductor Material	Fiber and Copper

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Conductor Gauge	23AWG
Supported Bandwidth	48Gbps
Maximum Resolution	7680x4320@60Hz 4:2:0 10bit, 3840x2160@120Hz 4:4:4 10bit
Nominal Attenuation	_10dB/km@850nm, _8dB/km@1300nm
Minimum Bend Radius	50mm (1.97in)
Operating Temperature	-10°C - 60°C (14°F - 140°F)
Storage Temperature	-20°C - 70°C (-4°F - 158°F)

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