



100m Armored Fibre Optic Hybrid HDMI 8K60 Cable

No.: 38533

AOC cable with reinforced structure for professional applications

Description

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+

Aramid fibers and additional armored steel-spiral jacket to get a rugged and resistant cable structure

2-Year Warranty

Lindy's range of Armored Fibre Optic Hybrid cables are a professional solution for extending HDMI® signals over longer distances. The construction of this extreme rugged HDMI hybrid cable has under the cable sheath aramid fibers and an additional armored jacket, maintaining a good flexibility and high EMI & RFI resistance. These hybrid cables are ideal for use in critical AV setups and professional installation such as live events and trade shows.

The maximum pulling force supported is up to 100N with a crush resistance up to 2000N, whilst with 6mm of diameter, the cable is very thin although the aramid fibers and the steel jacket under the TPE sheath.

The connectors are also extremely rugged with gold plated pins, they are enclosed from special protective sleeves, secured against transport damage.

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 HDMI® 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.

Provided with spool for better handling.

Please Note: eARC/ARC and CEC functions are not supported for lengths over 30m.

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: 18.3x38x8.3mm [0.72x1.50x0.33in]

Cable Construction

Length: 100m [328.08ft]
Standard: HDMI® 2.1
Colour: Black
Type: Round
Jacket Diameter: 6mm [0.24in]
Jacket Material: TPE
Conductor Material: Fiber and Copper
Conductor Gauge: 32AWG
Shielding: AL-Foil + Spiral steel armor

Specifications

Supported Bandwidth: 48Gbps
Maximum Resolution: 7680x4320@60Hz 4:2:0 10bit, 3840x2160@120Hz 4:4:4 10bit
Nominal Attenuation: 0.452dB/km
Minimum Bend Radius: 20mm [0.79in]
Operating Temperature: -10°C - 60°C [14°F - 140°F]
Storage Temperature: -20°C - 70°C [-4°F - 158°F]

Miscellaneous

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

Purchasing Information

No.: 38533
EAN: 4002888385336

This product is also available in other lengths:

38527 - 10m [32.81ft]
38528 - 15m [49.21ft]
38529 - 20m [65.62ft]
38530 - 30m [98.42ft]
38531 - 50m [164.04ft]
38532 - 70m [229.66ft]
38533 - 100m [328.08ft]