DIGITUS® HDMI AOC hybrid fiber optic cable, UHD 8K, 100 m

AK-330126-1000-S

EAN 4016032507888



HDMI AOC Connection Cable, Type A M/M, 100m, Ultra HD, 8K@60 Hz, gold, bl

This active HDMI AOC hybrid fiber optic cable transmits uncompressed video and audio data in 8K 60Hz with high bandwidth over longer distances without loss or latency. Thanks to the combination of fiber optic and copper conductors, the cable offers the highest signal quality with maximum interference resistance (EMI-resistant) and guarantees stable transmission with up to 48 Gbps bandwidth. The small outer diameter of just 4.5 mm and the bending radius of 45 mm enable simple and flexible installation. Ideal for home cinemas, meeting rooms, conference technology, digital signage or fixed AV installations. Thanks to Plug & Play, no additional driver installation is required - simply connect and immediately enjoy the highest picture quality. All current HDMI 2.1 features such as HDR, HDCP 2.2, eARC, CEC and EDID are supported, as well as high-quality audio formats such as Dolby TrueHD and DTS-HD Master Audio. This makes the cable future-proof for high-resolution video and audio applications.

Transmits uncompressed video and audio signals in 8K at 60 Hz (UHD-2) with a bandwidth of up to 48 Gbps losslessly and without latency

- Resolution up to 8K 7680 × 4320p @ 60 Hz (UHD-2)
- 8K 3D, 4K @ 60 Hz and Full HD (1080p) compatible
- Signal transmission rate up to 48 Gbps - Zero frame delay
- BT.2020 color space with 10-, 12- and 16-bit color depth
- YUV 4:4:4 color space subsampling
- HDR (High Dynamic Range)
- Color depth up to 48 Bit Deep Color
- 21:9 Cinemascope support
- Enhanced Audio Return Channel (eARC)
- Consumer Electronic Control (CEC)
- Lip sync function for audio/video synchronization
- Multi stream audio/video capability
- 32-channel audio
- 8-channel LPCM, 192 kHz, 24 bit
- Dolby TrueHD and DTS-HD Master Audio capable
- Playback of Super Audio CD (DSD)
- Compatible with DVD-Audio, Blu-ray Disc and HD-DVD
- HDMI version 2.1
- HDCP version 2.2
- EDID 2.0 (automatic device detection)
- Supports DVI version 1.0 (in conjunction with adapters)
- Integrated Ethernet channel (HEC)
- Hybrid structure with OM3 fiber optic and copper conductors
- Bending radius 45 mm
- Latency: Zero frame delay
- Power consumption: 400 mW max.
- Operating temperature: -10 ~80°C
- Operating humidity: 0 - 85% RH

Attributes

- AWG: 30
- Color cable: black
- Connector 1: HDMI type A, plug
- Connector 2: HDMI type A, plug
- Connector surface: gold-plated
- Ferrite filter: none
- HDMI Standard: Ultra High Speed HDMI
- HDTV Standard: Ultra HD 8K
- Hoods: Metallic housing
- Resolution max.: 7680 × 4320 Pixel, 60Hz
- Length: 100 m
- AOC - Active Optical Cable: no
- Shielding: single shielding

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	4	10.90	54.00	28.00	16.00	24,192.00
Packaging Unit Inside	1	2.73	0.00	0.00	0.00	0.00
Packaging Unit Single	1	2.73	27.00	26.50	7.00	5,008.50
Net single without Packaging	1	2.46	25.00	25.00	6.00	0.00

More images:

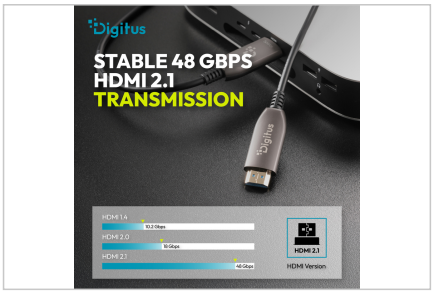
















Safety notes

- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Cables must not be kinked sharply or bent at tight angles, as this can damage the inner wires and lead to failures.

- Make sure that the cables are not under tensile load, as this can damage the insulation and the wires inside the cable.
- Ensure that cables are not laid in areas where they can be easily damaged mechanically.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately to avoid failures, short circuits or even electric shocks.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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