# DIGITUS® HDMI AOC Hybrid Fiber Optic Cable, UHD 4K, 20 m

**AK-330125-200-S**

**EAN 4016032462057**

**HDMI AOC Connection Cable, Type A M/M, 20.0m, Ultra HD, 4K@60 Hz, gold, bl**

This active HDMI AOC hybrid fiber optic cable is ideally suited for transferring uncompressed video and audio data with high bandwidth over longer distances. The hybrid construction, which uses copper and fiber optic cable, prevents electromagnetic interference. This ensures a loss-free transfer along the entire length of the cable with UHD resolution of up to 4K/60Hz and bandwidths of up to 18 Gbps. The use of fiber optic cable keeps the diameter of this active cable very low and gives it a very tight bending radius and low weight. It is ideal for use in homes, meeting rooms, and conference rooms as well as within buildings — and these are just a few of the possible uses. The simple Plug and Play installation is user-friendly; just plug it in and immediately enjoy optimal image quality. It supports numerous standards such as HDMI 2.0b, HDCP 2.2, and HDR. As far as audio goes, features such as ARC, DTS-HD Master Audio, Dolby TrueHD and many more are supported. Cutting edge chip technology makes it possible to transfer the full HDMI signal spectrum while also supporting uncompressed CED and EDID with very low latency.

**Transfer of uncompressed video and audio signals over a distance of up to 20 m in UHD 4K resolution with 18 Gbps bandwidth.**

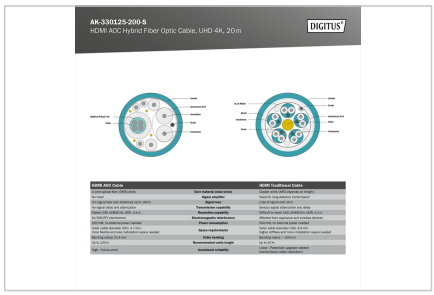
- Supports up to 4K with 50/60Hz
- Supports up to 4K 3D
- Signal transmission rate up to 18Gbps
- Supports up to 120Hz at Full HD
- Supports 1080p 3D HFR
- Supports YUV 4:4:4
- HDCP 2.2, HDCP 1.4
- HDMI 2.0b (downward compatible)
- Supports Deep Color (30 bit color depth)
- Supports HDR (High Dynamic Range)
- Supports Audio Return Channel (ARC)
- Supports Consumer Electronic Control (CEC)
- Supports lip-sync (audio/video synchronization)
- With Ethernet channel (HEC)
- Multi stream audio/video support
- 21:9 Cinemascope support
- 32 channel audio support
- Dolby TrueHD capable
- Supports 8-channel LPCM, 192 kHz, 24-bit audio capability
- Supports DTS-HD master audio bitstream
- Supports Super Audio CD (DSD)
- Supports DVD-Audio
- Supports Blu-Ray Disc and HD-DVD audio and video
- Supports EDID 2.0 (device detection)
- Latency: Zero frame delay
- 4 x polymer insulated optical fiber: OM3
- Cable sheath: LSZH halogen-free
- Bending radius: 25.4 mm
- Operating temperature: -10 ~ 50°C
- Operating humidity: 10 - 80% RH
- Power consumption: 250 mW max.
- Supports DVI version 1.0

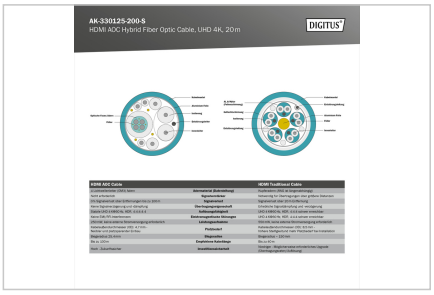
**Attributes**

- 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: Premium High Speed HDMI with Ethernet
- HDTV Standard: Ultra HD 4K
- Hoods: Metallic housing
- Resolution max.: 4096 x 2560 Pixel, 60Hz
- Length: 20 m
- AOC - Active Optical Cable: no
- Shielding: Double shielding

| Logistics | | | | | | |
|---|---|---|---|---|---|---|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
| **Packaging Unit Carton** | 16 | 9.50 | 45.00 | 34.00 | 30.00 | 45,900.00 |
| **Packaging Unit Inside** | 1 | 0.59 | 16.00 | 16.00 | 7.50 | 1,920.00 |
| **Packaging Unit Single** | 1 | 0.59 | 16.00 | 16.00 | 7.50 | 1,920.00 |
| **Net single without Packaging** | 1 | 0.45 | 1.00 | 9.00 | 5.80 | 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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