DATASHEET

HDMI 4K 60Hz AOC Fiber Optic Cable 50m













General data

• The active High Speed HDMI audio video cable is characterized by copper and fiber conductors, offering a lighter and more flexible structure ideal for installation in confined spaces and longer distances: the ideal solution for conference rooms, classrooms, illuminated signs and much more.
• The hybrid HDMI cable enables the transmission of high quality video and audio signals for long-distance signal transmission without loss of quality. Signals from sources such as Blu-ray, media players, DVD, SAT etc. they are received by TV UHD and FullHD and projectors with a resolution up to 4Kx2K. The HDMI High Speed fiber optic cable supports 4Kx2K / UHD video resolutions (max 3840x2160 and 4096x2160 @ 60Hz), 1080p / FullHD, 1080i, 720p, 480p.
• Supports Deep Color rye, HDCP 2.2, EDID, CEC and transmits Audio Return Channel (ARC).
• NB:This cable has a uni-directional architecture that requires the cable to be installed in the correct direction. Check the "source" and "display" labels on the HDMI connectors to verify that the device and the HDMI source are connected properly.

Features

This datasheet was created automatically on 10-11-2026 . Technical changes reserved.

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- Thinner, lighter and softer than the traditional copper cable
- Supports long transmission distance
- Highly resistant with EMI and RFI
- Supports high resolutions: 4K @ 60Hz Ultra HD
- Compliant with connection to all type A HDMI connector devices
- Compatible with HDMI 2.0 / 1.4 version
- Supports devices in HDR 4K format
- Data rate: 18 Gbps
- Easy to install; Plug and play
- Low power consumption and no need for external power supply
- Supports 60Hz HDR / 3D / 1080p / 1080i / 720p 4K2K format
- Supports HDCP / EDID / CEC / DDC
- Audio support
- Thanks to its flexible and thin design it is ideal for installations where space is limited or limited
- Black colour

Applications

- Home theater
- High definition videoconferencing system
- Medical Video System
- High definition video surveillance system
- Digital signal and TV Wall

Technical specifications

- Supported resolution: 3840 * 2160 (4K * 2K)
- FPS: 60 max.
- YGB: 4: 2: 0 or 4: 4: 4
- HDCP: Pass (2.2)
- Meets HDMI 2.0 requirements

Package Contents

- HDMI cable on optical fiber

Technical properties	
Connection type connection 1	Plug
Connection type connection 2	Plug
Number of poles connection 1	19
Number of poles connection 2	19
Type of connector connection 1	HDMI Type A
Type of connector connection 2	HDMI Type A

Available variants

ArtNr.	Bezeichnung	Colour	Length

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ICOC-HDMI-HY2-010	HDMI 4K 60Hz AOC Fiber Optic Cable 10m	black	10.0 m
ICOC-HDMI-HY2-015	HDMI 4K 60Hz AOC LWL Kabel 15m,	black	15.0 m
ICOC-HDMI-HY2-020	HDMI 4K 60Hz AOC Fiber Optic Cable 20m	black	20.0 m
ICOC-HDMI-HY2-030	HDMI 4K 60Hz AOC Fiber Optic Cable 30m	black	30.0 m
ICOC-HDMI-HY2-050	HDMI 4K 60Hz AOC Fiber Optic Cable 50m	black	50.0 m
ICOC-HDMI-HY2-100	HDMI 4K 60Hz AOC Fiber Optic Cable 100m	black	100.0 m

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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