DATASHEET

HDMI 8K 60Hz AOC Fiber Optic Cable 20m









General data

The active high-speed HDMI™ audio video cable features 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, or Active Optical Cable (AOC), enables the transmission of high quality video and audio signals over long distances without loss of quality. Signals from sources such as Blu-ray, media players, DVD, SAT etc. are received by UHD and FullHD TVs and projectors with a resolution of up to 8K @ 60Hz. High Speed HDMI™ Fiber Optic Cable supports 8K, 4K UHD, 1080p / FullHD, 1080i, 720p, 480p video resolutions. It supports Deep Color, HDCP 2.2, EDID, CEC and ARC standards.
Enhanced Audio Return Channel (eARC) to allow TV audio to be transmitted through the audio system without a separate audio cable; Supports the most advanced audio formats and highest audio quality (full compatibility with HDMI 2.1 products only).
NB: This cable features a unidirectional architecture which 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 correctly.

Features
Thinner, lighter and softer than traditional copper cable
Supports long distance transmission
Highly resistant with EMI and RFI
Supports high resolutions: 8K @ 60Hz

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

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

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OM3 fiber optic cable
PVC sheath
Compliant with connection with all HDMI™ Type A connector devices
Compatible with HDMI™ 2.1 Ultra High Speed version
Supports 8K HDR format devices
Data transmission speed: 48 Gbps
Easy to install; Plug and play
Low energy consumption and no need for external power
Supports 8K2K @ 60Hz / 4K2K @ 120Hz HDR / 3D / 1080p / 1080i / 720p format
Support HDCP / EDID / CEC / DDC
Audio support
Thanks to the flexible and slim 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: 8K @ 60HZ
FPS: 60 max.
YGB: 4: 2: 0 or 4: 4: 4
HDCP: Pass (2.2)
Meets HDMI™ 2.1 requirements

Package Contents
HDMI™ over fiber optic cable

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
ICOC-HDMI-HY8-010	HDMI 8K 60Hz AOC Fiber Optic Cable 10m	black	10.0 m

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ICOC-HDMI-HY8-015	HDMI 8K 60Hz AOC Fiber Optic Cable 15m	black	15.0 m
ICOC-HDMI-HY8-020	HDMI 8K 60Hz AOC Fiber Optic Cable 20m	black	20.0 m
ICOC-HDMI-HY8-030	HDMI 8K 60Hz AOC Fiber Optic Cable 30m	black	30.0 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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