

DATASHEET

HDMI fiber optic cable AOC active 8K60Hz 48 Gbit/s 30m
black comp. with HDMI 2.1



General data

AOC HDMI Fiber Cable 8K@60Hz - Professional-Grade AV Connectivity for Demanding Applications

This active HDMI fiber optic cable is purpose-built for professional AV environments that require uncompromised signal quality over long distances. Ideal for digital signage, conference rooms, broadcast studios, or high-end installations.

Key Features:

- **Lengths:** 10m, 20m, 30m
- **Resolution:** 8K@60Hz, 4K@120Hz
- **Standard:** compatible with HDMI 2.1 / 2.0 (backward compatible)
- **Bandwidth:** Up to 48 Gbps
- **Active Chipset:** Ensures reliable, interference-free transmission
- **Connectors:** Zinc alloy housing with gold-plated contacts

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- **Labeling:** Laser-engraved "Source" and "Display" for correct orientation
- **Jacket:** Flexible, halogen-free TPE outer jacket
- **Color:** Black, with laser-marked 8K logo

Eco-Friendly Packaging:

Plastic-free cardboard box, recyclable and shipping-ready. Designed to reduce waste and simplify logistics.

Perfect for:

System integrators, AV rental companies, public sector tenders, project planning firms, installers, and B2B resellers.

Technical properties

3D	True
ARC	True
Backwards compatible	
Beding radius (dynamic/static)	40 mm
CEC	True
Cable and plug compatibility	
Cable set	
Cable type (passive/active/optical)	
Chip	
Color depth	
Compliant with	TV
Compressions technologies	
Connection type connection 1	Plug
Connection type connection 2	Plug
Connector 1 angulation	
Connector 2 angulation	
Contact Plating	
DSC	
Dust cover	
Enhanced Color	Deep Color
HDCP Version	
HDMI Power	True
HDMI certified	True
HDR	
HEC (Ethernet channel)	True

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Halogenfree	
Kink protection	
MSA	
MST	
Material Connector Housing	
Material Inner Conductor	
Material jacket	
Max. mating cycles	5000
Max. resolution	
Model	
Number of poles connection 1	
Number of poles connection 2	
Number of shieldings	
Operating temperature	-5 - 45 °C
PCIe Data transfer	
Plug dimensions Side 1	
Plug dimensions Side 2	
Scope of delivery	1 x HDMI Cable
Shielded	
Speed	
Storage Temperature	-20 - 70 °C
Supported audio formats	compressed Audio format (Dolby Digital, Dolby TrueHD, DTS, DTS-HD Master Audio, Dolby Atmos)
Supported video standards	
Tensile strength (short/long)	98,1 N
Type of connector connection 1	HDMI Type A
Type of connector connection 2	
Type of packaging	
Type of signal	
VESA certified	
VRR	
Version	
Warranty	
With termination resistor	
eARC	

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Available variants

ArtNr.	Bezeichnung	Color	Length	Diameter	AWG
HDMI-21-00006	HDMI fiber optic cable AOC active 8K60Hz 48 Gbit/s 10m black comp. with HDMI 2.1	schwarz	10 m	4.7 mm	26AWG
HDMI-21-00007	HDMI fiber optic cable AOC active 8K60Hz 48 Gbit/s 20m black comp. with HDMI 2.1	schwarz	20 m	4.7 mm	26AWG
HDMI-21-00008	HDMI fiber optic cable AOC active 8K60Hz 48 Gbit/s 30m black comp. with HDMI 2.1	schwarz	30 m	4.7 mm	26AWG

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