



AOC-4K

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Fiber Optic HDMI™ Cable

USER MANUAL

www.orei.com

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Thank you for purchasing this product

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the service life of your equipment.

Registration Page

Please Activate your warranty by registering our product through the link below - <https://www.orei.com/pages/warranty-registration>

Technical Support

Need Help?

Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

OREI Live Technical Support Hours

US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 6 p.m. Central Time

Support Email - info@orei.com | **Support Number** - 877-290-5530

Or

Chat Live on www.orei.com

Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

Introduction

The Fiber Optic HDMI cable converts HDMI signals to optical signals, ensuring lossless transmission over long distances. The connectors are gold-plated and nylon-braided with PVC for best plug resistance and longevity. Its hybrid construction of copper and optical fiber prevents electromagnetic interference, enabling a stable transmission. It is compliant with HDMI 2.0b and HDCP 2.2 standards, with an uncompressed video bandwidth of 18Gbps and supporting resolutions up to 4K@60Hz with HDR. As for audio, it supports ARC with DTS-HD Master Audio, Dolby TrueHD, and much more. This HDMI cable can transmit HDMI signals up to 328 feet. This cable is ideal for home, professional AV setups, and installations requiring long cable runs without signal degradation, offering low latency and seamless pass-through for EDID and CEC. It is available in various lengths from 100 feet up to 300 feet.



1. HDCP 2.2 compliant
2. Video resolutions up to 4K@60Hz 4:4:4
3. Uncompressed video bandwidth of up to 18Gbps
4. Transmit video and audio signals up to 300 feet
5. HDR and 3D support
6. CEC and ARC support
7. Support for Audio formats like LPCM, Dolby TrueHD, DTS-HD Master Audio, DSD, and more
8. Support for 8-channel LPCM, with sampling rates up to 192 kHz & 24-bit audio
9. Gold-plated connectors and nylon-braided PVC for best plug resistance and longevity
10. Hybrid construction with copper and optical fiber cable with double shielding for lossless transmission

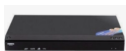
Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2/1.4
Video Bandwidth	18Gbps
Video Resolution	Up to 4K@60Hz
Color Space	YUV 4:4:4
Color Depth	8/10/12-bit
Audio Formats	LPCM, Dolby TrueHD, DTS-HD Master Audio, DSD
Transmission Distance	100ft / 150ft / 200ft / 250ft / 300ft. Depends on the length of the cable purchased.
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Input	1 × HDMI [Type A, 19-pin male]
Output	1 × HDMI [Type A, 19-pin male]
Mechanical	
Outer Diameter	4.8mm
Cable Color	Black
Conductor	Optical Fiber + Tinned Copper
Connector Color	Gold-plated
Jacket	PVC
Casing	Metal Enclosure

Specifications

Mechanical	
Chip	Optoelectronic conversion chip
Power Supply	Non external power required
Applicable Devices	Camera, Computer, DVD Player, TV box, HDTV, Projector, Home Theater, Multimedia, Monitor
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

Application Example



DVD



Laptop



Game Console



Camera

Transmitter



AOC Cable

Receiver



HDTV



Monitor



Projector



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