



## HDMI 8K/60 Active Optical Fiber Cable

### EXP-AOC-201x (HDMI 2.1 8K) Series

## INTRODUCTION

The **aegis 8K HDMI 2.1 AOC Fiber Optic Cable** delivers the ultimate 8K high-definition experience with full support for HDMI 2.1/ HDCP 2.2 advanced features. This hybrid fiber-copper cable, lengths up to 100 meters, supports 48Gbps bandwidth for flawless 8K@60Hz and 4K@120Hz video. Plug-and-play, no drivers required, and backward compatible with HDMI 2.0 and 1.4.

## FEATURES

- ✓ Up to 100 meters (custom lengths available).
- ✓ Plug and Play, No driver or external power required.
- ✓ Compatible with HDMI 2.1 standard.
- ✓ Backward compatible with HDMI 2.0/HDMI 1.4.
- ✓ Supports HDCP 2.2.
- ✓ Supports Dynamic HDR.
- ✓ Supports VRR (Variable Refresh Rate).
- ✓ Supports QMS (Quick Media Switching).
- ✓ Supports QFT (Quick Frame Transport).
- ✓ Supports ALLM (Auto Low Latency Mode).
- ✓ Supports DSC (Display Stream Compression).
- ✓ Supports 48 Gbps bandwidth for up to 4K120 and 8K60.
- ✓ Built-in EDID self-test.
- ✓ Supports eARC
- ✓ Lossless signal transmission, providing instant clear digital images.
- ✓ Hybrid fiber-copper cable.

### EXP-AOC-201x Specification

Video Input	HDMI Type A
Video output	HDMI Type A
Video Revision	HDMI 2.1
HDCP	Supports HDCP 2.2/1.4
DDC	Supports DDC2B for EDID auto-detection
Maximum Data Transfer Rate	48G, Deep Colors 12bit, HDR, BT2020
Maximum Digital Resolutions	8K60Hz, 4K120Hz
Audio Specifications	32 audio channels
Connector Plating	24K gold-plated
Cable Jacket Material	PVC/TPU (Custom)
Cable Type	Hybrid type with OM3 fiber and copper wire
Cable Outer Diameter	4.5mm
Cable Length	10M~100M
Operating Temperature	0°C to 55°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Warranty	2 Year



TECHNICAL DRAWING

