



HDMI 4K/60 Active Optical Fiber Cable

EXP-AOC-101x (HDMI 2.0 4K) Series

INTRODUCTION

The aegis HDMI AOC cable delivers 4K60Hz video up to 100m with 18Gbps bandwidth. This lightweight, flexible cable requires no external power, features a 45mm bend radius, and offers superior EMI/RFI resistance and plug-and-play simplicity. Available in standard and custom lengths.

FEATURES

- ✔ Fiber optic, up to 100 meters.
- ✔ 18Gbps High Bandwidth, supports 4K60Hz 4:4:4 and 3D.
- ✔ Compatible with HDMI 2.0 devices.
- ✔ Fiber composite structure ensures signal integrity.
- ✔ No driver or external power required.
- ✔ RoHS 2.0 and REACH compliant.
- ✔ Supports HDCP and automatic EDID detection.

EXP-AOC-101x Specification

Video Input	HDMI Type A
Video output	HDMI Type A
Video Revision	HDMI 2.0
HDCP	Supports HDCP 2.2/1.4
DDC	Supports DDC2B for EDID auto-detection
Maximum Data Transfer Rate	18G, Deep Colors 12bit, HDR, BT2020
Maximum Digital Resolutions	4K60Hz
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

