

Operation and Installation Guide

HDMI ULTRA PRO AOC

HDMI 2.1 AOC Cable

The HDMI AOC cables are designed for high-end consumer or professional 4K/8K HDMI applications while providing a reliable plug-and-play user experience.



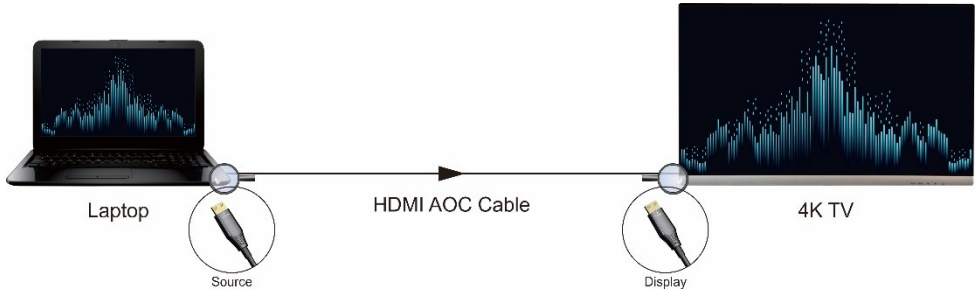
Features

- 4K/8K@60Hz 4:4:4 and full bandwidth of 48Gbps.
 - Proprietary Low Power High Bandwidth Chipset.
 - EMI (electromagnetic interference) protection.
 - Powered by the HDMI source device. No external power supply needed.
 - Connector locking mechanism for secure installation.
 - Durable and strong.
 - Variable Refresh Rate (VRR), Auto Low Latency Mode.
 - (ALLM), Quick Frame Transport (QFT).
 - Supports Dynamic HDR and eARC.
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Specifications

Key Features	
Models	HDMI-M/M-AOC-15 HDMI-M/M-AOC-30 HDMI-M/M-AOC-60
Protocol specification	HDMI 2.1 & HDMI 2.0 & HDMI 1.4
Video resolution	Up to 8K@60Hz 4:4:4
Transmission speed	48Gbps(12Gbps per channel)
Connector	
Source	HDMI Type A Male (Gold plating)
Display	HDMI Type A Male (Gold plating)
Cable	
Cable specifications	1C+(2c*30#+DA)+3C*28#+2C*24#+F+AL+B
Optical fiber specifications	4*Multi-mode optical fiber
Available lengths	HDMI-M/M-AOC-15: 15 meters HDMI-M/M-AOC-30: 30 meters HDMI-M/M-AOC-60: 60 meters
Outer sheath material	PVC
Outer sheath color	Black
Outer diameter	5.2mm±0.1mm
Cable bending radius	6mm
Connector max pulling strength	150N (15kg,33lbs)
Cable max pulling strength	500N (50kg,110lbs)
Environment	
Operating temperature	-20°C to +70°C
Storage temperature	-40°C to +80°C
Power	
Input voltage	+5V
Energy consumption	≤500mW
Attention	
Please avoid excessive bending of the optical fiber during use, please refer to the bending radius for details.	

Installing Cable



Note:

- Pay attention to the direction of connection.
- Do not plug the SOURCE connector to the display device.
- Do not plug the DISPLAY connector to the source device.
- The source device needs to supply power to the AOC cable.
- Do not exceed cable bending radius.

Using Pull Cover

1. Place the HDMI connector inside the pull cover.



2. Close the pull cover and insert the pulling cable through the pull cover ring.

