

**AEON**

Technology for the next generation

# AEON 8K AOC HDMI

**48GBPS 8K/60 4K/120 HDMI 2.1**

**GO THE DISTANCE WITH 8K AOC**



## 8K AOC Lengths

20m - CH020AOC8K

30m - CH030AOC8K

40m - CH040AOC8K

## Technical Specifications

- HDMI 2.1, HDCP compliant
- Supports High Definition resolutions up to 8K@60Hz and 4K@120Hz with 24bit RGB/YCBCR 4:4:4/YCBCR 4:2:2
- Supports 3D frame sequential video format
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- HDR and Dynamic HDR support
- 4 TMDS lines capable of 12Gbps per line (48Gbps)
- Hybrid Type with Copper and OM3 Fibre cables
- Premium ATC, DPL and ISF certificated.



## 8K AOC HDMI

Not all AOC HDMI cables are built the same. There are many factors that make one better than the other.

The most important factors are the chipsets and the lasers that are used to turn electrons into photons and back again.

Aeon's AOC range only uses the best German made Silicon chipsets and Philips VCSEL Lasers. This ensures long lasting performance and minimal bit error rates.

Due to the limitation of the design and manufacturing process, the lasers from different manufacturers have different intensity of optical power and the life of the laser is also inconsistent. This will directly lead to the failure of the HDMI AOC cable after being introduced to the market. It may produce faults like Splash screens, black screens, and even direct failures after one or two months. The four-way lasers may stop one at a time or all together and it is a hidden danger.

In response to this problem, Aeon AOC cables go through a unique set of equipment to monitor the optical power consumption of 4-way lasers to ensure that all products have reliable optical paths and reduce the degradation.

**For further enquiries, please contact:**

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