Konexe

# KONEXE 8K (2.1) AOC HDMI CABLE

**KNXHDAOC**


**Konexe HDMI 2.1 AOC** cables deliver ultra high-speed, high-performance digital video and audio through advanced Active Optical Cable technology, providing exceptional signal integrity, low latency, low skew, and superior immunity to electromagnetic interference. Supporting up to **8K 60Hz & 4K 120Hz** resolutions, Dynamic HDR, eARC, VRR, ALLM, QFT, QMS, DSC, up to 48Gbps bandwidth, up to 32 audio channels, and an ultra-wide 21:9 cinema aspect ratio.

Konexe HDMI 2.1 AOC cables ensure reliable high-bandwidth transmission over extended distances with minimal signal degradation. Designed for demanding professional AV, gaming, home theatre, commercial, digital signage, and installation applications, they provide consistent performance where conventional copper HDMI cables may be limited by distance and signal loss.

## Features

- Supports ultra-high video resolutions up to 8K 60Hz and 4K 120Hz
- Dynamic HDR support delivers enhanced contrast, brightness, and wider colour gamuts on a frame-by-frame basis
- Source-Based Tone Mapping (SBTM) enables PCs and gaming devices to generate optimized HDR signals without requiring display-side processing
- Supports the full 48Gbps Ultra High Speed HDMI 2.1 bandwidth
- eARC (Enhanced Audio Return Channel) supports uncompressed and object-based audio formats including Dolby Atmos® and DTS:X®
- Advanced gaming features including Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Frame Transport (QFT), and Quick Media Switching (QMS) provide tear-free, low-latency, and seamless gameplay
- Advanced optical transmission technology with high-speed optical fibres and integrated signal conversion delivers excellent signal integrity, low EMI susceptibility, low skew, and reliable high-bandwidth performance over extended cable lengths
- Lightweight, flexible construction enables long-distance HDMI 2.1 transmission while minimizing signal degradation and avoiding the distance limitations commonly associated with passive copper HDMI cables

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