

## 8K HDMI 2.1 Active Optical Cable — 90M






48Gbps | 8K@60Hz | 4K@120Hz | eARC | Dynamic HDR | 3-Year Warranty

MPN: CBL-AOCHDMI8K-90M



KanexPro AOC HDMI 2.1 Cables deliver full 48Gbps HDMI 2.1 signal across runs of 30, 60, or 90 meters — far beyond passive cable limits. Built on OM3 fiber + copper hybrid construction, these plug-and-play cables carry 8K@60Hz, 4K@120Hz, Dynamic HDR, and eARC with zero signal loss, drawing power directly from the HDMI source — no wall adapters or repeaters required.

Supporting eARC for AV receiver integration, HDCP 2.2, full EDID management, and backward compatibility with HDMI 2.0 and 1.4, the CBL-AOCHDMI8K series is built for professional AV environments where EMI immunity and signal integrity are non-negotiable. Backed by KanexPro's 3-year warranty.

 <b>HDMI 2.1</b> 48 Gbps Full BW	 <b>8K@60Hz</b> 4K@120Hz HDR	 <b>eARC</b> Enhanced Audio Return Channel	 <b>No Power</b> Bus-Powered Plug & Play	 <b>3-Year</b> KanexPro Warranty
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### KEY FEATURES

- HDMI 2.1 — 48Gbps full bandwidth; 8K@60Hz, 4K@120Hz, 4K@144Hz with 10-bit HDR
- Dynamic HDR: HDR10, HDR10+, Dolby Vision, HLG pass-through
- eARC (Enhanced Audio Return Channel) — Dolby Atmos and DTS:X return audio supported
- HDCP 2.2 compliant; full EDID handshake; backward compatible with HDMI 2.0 / 1.4
- Bus-powered — 250mW max from source; no external power supply required
- EMI/RFI immune — OM3 fiber + copper hybrid; 4.5mm OD; directional cable
- 0–50°C operating; 3-year KanexPro warranty

### SPECIFICATIONS

<b>Standard</b>	HDMI 2.1 (48Gbps) • HDCP 2.2 • Backward compatible HDMI 2.0 / 1.4
<b>Bandwidth</b>	12Gbps × 4 channels = 48Gbps total
<b>Cable Length</b>	90M (295 ft.)
<b>Max Resolution</b>	8K @ 60Hz • 4K @ 120Hz • 4K @ 144Hz
<b>HDR Support</b>	HDR10 • HDR10+ • Dolby Vision • HLG
<b>eARC</b>	Enhanced Audio Return Channel supported
<b>Connector</b>	HDMI Type A Male (both ends, directional)
<b>Optical</b>	4-channel 850nm VCSEL array (OE converter)
<b>Cable Type</b>	OM3 fiber + copper hybrid • 4.5mm OD • Black
<b>Power</b>	Bus-powered 250mW max • No external supply
<b>Temp</b>	0°C to +50°C operating



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sales@kanexpro.com | www.kanexpro.com