

## 8K DisplayPort 2.0 Active Optical Cable — 90M






40Gbps UHBR10 | 8K@60Hz | 4K@144Hz | AMD FreeSync® 2.0 | 3-Year Warranty

MPN: CBL-AOCDP8K-90M



KanexPro AOC DisplayPort 2.0 Cables deliver full 40Gbps UHBR10 signal across 30, 60, or 90 meter runs — far beyond copper cable limits. Built on a hybrid optical fiber + copper construction, these plug-and-play cables carry 8K@60Hz, 4K@144Hz, and HDR with zero signal loss, drawing power directly from the DisplayPort source — no wall adapters or repeaters required.

Supporting MST daisy-chaining, AMD FreeSync® 2.0, HDCP 1.4/2.2, and full EDID management, the CBL-AOCDP8K series delivers EMI-immune optical performance across demanding professional AV installations. Backed by KanexPro's 3-year warranty.

 <b>DP 2.0</b> UHBR10 40 Gbps	 <b>8K@60Hz</b> 4K@144Hz HDR	 <b>MST</b> Multi-Stream Transport	 <b>No Power</b> Bus-Powered Plug & Play	 <b>3-Year</b> KanexPro Warranty
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### KEY FEATURES

- DP 2.0 UHBR10 — 10Gbps per lane, 40Gbps total; resolutions up to 8K@60Hz and 4K@144Hz
- HDR video support including Dolby Vision; 48-bit color depth; DP Dual-Mode (DP++) compatible
- Multi-Stream Transport (MST) for daisy-chaining multiple displays from one DP 2.0 output
- AMD FreeSync® 2.0 compatible; HDCP 1.4 & 2.2; full EDID and AUX channel support
- Bus-powered — <0.5W per end from source; no external power supply required
- EMI/RFI immune — hybrid 4× 850nm fiber + 8× copper; 4.8mm OD; directional cable
- 3-year KanexPro warranty; 0–50°C operating; 48mm min bend; 300N max tensile

### SPECIFICATIONS

<b>Standards</b>	DisplayPort 2.0 / UHBR10 • HDCP 1.4 / 2.2
<b>Bandwidth</b>	10Gbps per lane • 40Gbps total
<b>Cable Length</b>	90M (295 ft.)
<b>Max Resolution</b>	8K @ 60Hz • 4K @ 144Hz
<b>Color Depth / Clock</b>	48-bit • 810MHz pixel clock
<b>Connector</b>	20-pin DisplayPort Male (both ends, directional)
<b>Optical</b>	4× 850nm VCSEL Tx • 4× GaAs PIN Rx
<b>Cable Type</b>	Hybrid: 4× fiber + 8× copper • 4.8mm OD
<b>Power</b>	Bus-powered <0.5W/end • No external supply
<b>Temp / Humidity</b>	0–50°C operating • 5–85% RH non-condensing
<b>Mechanical</b>	48mm min bend radius • 300N max tensile load



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sales@kanexpro.com | www.kanexpro.com