



# KRAMER

## CLS-AOCDP/UF

Active Optical DisplayPort Cable

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CLS-AOCDP/UF is a DisplayPort™ 1.4, 8K active optical cable (AOC) that features high resolution and data transfer rate. CLS-AOCDP/UF is thin and flexible and requires no external power. User experience is maximized with integrator-oriented features and the latest advances in DisplayPort 1.4 technology

### FEATURES

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**Latest DisplayPort Technology** - Supports 3D, HDCP, EDID, HBR3, DSC, and 8K@60Hz resolution

**Streamlines Installations** - Supports up to 8K@60Hz over long cable runs of up to 100 meters without the need for an external power supply or additional extenders

**High Data Transfer Rate** - Up to 32.4Gbps data rate with 8.1Gbps/lane (HBR3) link rate

**Supports up to 8 channels of 16 or 24bits linear PCM & 32 to 192KHz sampling rate**

**No External Power Needed** - Powers the active units via the DisplayPort connector

**Thin Construction** - 4.8mm diameter

**Safe Construction** - Low smoke & halogen free

**Compliance** - RoHS 2011/65/EU compliant, CE/FCC



## TECHNICAL SPECIFICATIONS

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| Video  | Max. Resolution: 8K@60Hz (7680 × 4320)<br>Max. Data Rate: 32.4 Gbps (HBR3)<br>Max Color Depth: 48bit<br>DisplayPort Support: HDCP 2.2, EDID and DPCP  |
| Audio  | Channels: Up to 8 of 16 or 24bits linear PCM<br>Sampling Rate: 32 to 192KHz   |
| CONSTRUCTION                                 | Connectors: Male DisplayPort gold plated<br>Cable Structure: Hybrid Optical Fiber Cable<br>Fiber Optic: 4X850nm Multi-mode fiber<br>Fiber Cable Type: Hybrid cable – 4 x fiber and 8 x copper wires<br>Conductors: 2px26AWG + 4cx28AWG + 2cx24AWG |
| JACKET                                       | Outer Sheath Material: LSHF<br>Outer Sheath Color: PVC Black<br>Outer Sheath Diameter: 4.8mm  |
| PHYSICAL                                     | Minimum Cable Bending Radius: 48mm<br>Connector Max. Pulling Strength: 25.173Kg<br>Max. Compression Load Resistance: 300N   |
| Environmental Conditions                     | Operating Temperature: 0 to +50°C<br>Storage Temperature: -20 to +85°C<br>Operating Humidity: 5 to 85%  |
| Power  | Consumption <0.5W for each end  |
| Regulatory Compliance (Standards Compliance) | LSHF EN 60332-1-2, EN 50399<br><br>RoHS: 2011/65/ EU<br>Certified: CE/FCC   |



## CONFIGURATIONS

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|------------------|----------------------------------|
| CLS-AOCDP/UF-33  | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-50  | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-66  | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-98  | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-131 | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-164 | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-197 | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-230 | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-262 | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-295 | Active Optical DisplayPort Cable |
| CLS-AOCDP/UF-328 | Active Optical DisplayPort Cable |