



## CP-AOCH/XL

Active Optical High-Speed Pluggable HDMI  
Cable – Plenum Rated

| HDMI | 4K/60 UHD (4:2:0)



Kramer's CP-AOCH/XL is an Active Optical HDMI Cable for running 4K@60Hz (4:2:0), 4K@30Hz (4:4:4), over longer distances up to 100m (328ft) in a simple and practical way. The HDMI ends of this hybrid-fiber cable quickly detach leaving a much smaller head that can be run through conduit or other tight spaces with the included pulling capsule. DVI ends can be purchased separately. The AOCH cables are thinner, lighter and more flexible than copper or even standard optical cables. They provide transparent EDID and HDCP support without signal attenuation. They also provide reduced risk of EMI and RFI interference to provide a perfect solution for critical AV installations that demand the highest signal integrity

### FEATURES

**Video Resolution** - 4K@60Hz (4:2:0), 4K@30Hz (4:4:4) 8-bit, full-HD, 3D Deep Color across all lengths

**High Data Transfer Rate** - Up to 10.2Gbps

**Embedded Audio** - PCM 8-channel, Dolby Digital True HD, DTS-HD Master Audio

**High-Quality Connectors** - 24K gold-plated, corrosion-resistant and best possible connectivity

**EMI & RFI Immunity**

**No External Power** - Powers the active units via the HDMI connector, consumes only 0.25W (50mA @5V)

**Thin Construction** - 3.4mm (0.13") diameter

**Small Bending Ratio** - Only 6mm (0.24")

**Jacket Construction** - Low smoke & halogen free or UL CMP-OF (Plenum)

**RoHS 2011/65/EU Compliant**

**Varied Selection of Lengths** - Available in versions from 10 to 100m (32.8 to 328ft)



## TECHNICAL SPECIFICATIONS

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OVERALL	<p>VIDEO RESOLUTION: 4K @60Hz 4:2:0, 4K@30Hz 4:4:4, 8Bit, full HD, 3D Deep Color</p> <p>MAX. DATA RATE: Up to 10.2Gbps</p> <p>SUPPORTED COLOR SPACES: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601</p> <p>EMBEDDED AUDIO: Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD</p> <p>HDMI COMPLIANCE: HDCP 2.2, EDID, CEC</p>
PHYSICAL	<p>CONNECTORS: Male HDMI Type D, 24K gold-plated</p> <p>CABLE STRUCTURE: Hybrid optical fiber cable</p> <p>FIBER OPTIC: Multi-mode fiber</p> <p>CONDUCTORS: 6x28AWG (7/0.127mm)</p> <p>OUTER SHEATH MATERIAL: LSHF or plenum</p> <p>OUTER SHEATH COLOR: Blue</p> <p>OUTER SHEATH DIAMETER: 3.4mm</p> <p>CABLE BENDING RADIUS: 6mm</p> <p>CONNECTOR MAX. PULLING STRENGTH: 22lbs (10kg)</p> <p>MAX. COMPRESSION LOAD RESISTANCE: 500N (50kg, 110lbs)</p>
ELECTRICAL	<p>POWER SUPPLY: No external power supply needed (draws current from the source). If source power is not sufficient, connect the AD-HM/HF/UAM – USB to HDMI power injector to an external power</p> <p>POWER CONSUMPTION: 0.25W max</p>
USAGE AND ENVIRONMENTAL	<p>OPERATING TEMPERATURE: +32~+122°F (0~+50°C)</p> <p>STORAGE TEMPERATURE: -22~+122°F (0~+50°C)</p> <p>OPERATING HUMIDITY: 5 ~ 85%</p>
REGULATORY	<p>LSHF (COMPLIANCE): IEC 60332-1, IEC 60754-1, IEC 61034-2</p> <p>PLENUM (COMPLIANCE): CMP-OF</p> <p>RoHS: 2011/65/ EU</p>





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## CONFIGURATIONS

CP-AOCH/XL-33	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-50	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-66	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-98	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-131	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-164	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-197	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-230	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-262	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-295	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated
CP-AOCH/XL-328	Active Optical High-Speed Pluggable HDMI Cable - Plenum Rated