



# KRAMER

## CP-AOCH/XL

Active Optical HighSpeed Pluggable 4K  
HDMI Cable Plenum Rated

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



Kramer's AOCH/XL is an Active Optical HDMI Cable for running 4K@60Hz 4:2:0 UHD, 4K @30Hz 4:4:4, over longer distances up to 100m (328ft) in a simple and practical way. The HDMI ends of this hybridfiber cable quickly detaches 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 UHD, 4K @30Hz 4:4:4 8Bit, full HD, 3D Deep Color across all lengths

High Data Transfer Rate - Up to 10.2Gbps

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

High-Quality Connectors - 24K goldplated, corrosionresistant 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 CMPOF (Plenum)

RoHS 2011/65/EU Compliant

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



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## TECHNICAL SPECIFICATIONS

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### OVERALL

MAX. DATA RATE: Up to 10.2Gbps

SUPPORTED COLOR SPACES: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601

EMBEDDED AUDIO: Dolby Digital Plus, Dolby TrueHD, DTSHD Master Audio™, DVD Audio, SACD

HDMI COMPLIANCE: HDCP 2.2, EDID, CEC

### PHYSICAL

CABLE STRUCTURE: Hybrid optical fiber cable

FIBER OPTIC: Multimode fiber

CONDUCTORS: 6x28AWG (7/0.127mm)

OUTER SHEATH MATERIAL: LSHF or plenum

OUTER SHEATH COLOR: Blue

OUTER SHEATH DIAMETER: 3.4mm

CABLE BENDING RADIUS: 6mm

CONNECTOR MAX. PULLING STRENGTH: 22lbs (10kg)

MAX. COMPRESSION LOAD RESISTANCE: 500N (50kg, 110lbs)

### ELECTRICAL

POWER CONSUMPTION: 0.25W max

### USAGE & ENVIRONMENTAL

STORAGE TEMPERATURE: 22~+122°F (0~+50°C)

OPERATING HUMIDITY: 5 ~ 85%

### REGULATORY

PLENUM (COMPLIANCE): CMPOF

RoHS: 2011/65/ EU



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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
AD-AOCD/XL/TR	Replacement HDMI Connector