



## CLS-AOCH

Active Optical HighSpeed HDMI Cable Low  
Smoke & Halogen Free

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



Kramer's AOCH is an Active Optical HDMI Cable 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 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 reduce the 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 and 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

Thin Construction - 3.4mm (0.13") diameter

Small Bending Radius - 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 (33 to 328ft)



## 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: Gray

OUTER SHEATH DIAMETER: 3.4mm

CABLE BENDING RADIUS: 6mm

CONNECTOR MAX. PULLING STRENGTH: 15lbs

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



# KRAMER

## CONFIGURATIONS

CLS-AOCH-33	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-50	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-66	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-98	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-131	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-164	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-197	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-230	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-262	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-295	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH-328	Active Optical High-Speed HDMI Cable - Low Smoke & Halogen Free