



KRAMER

CLS-AOCH/XL

Active Optical HighSpeed Pluggable HDMI
Cable Low Smoke & Halogen Free

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



Kramer's CLSAOCH/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 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), 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 (33 to 328ft)



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TECHNICAL SPECIFICATIONS

VIDEO RESOLUTION: 4K @60Hz 4:2:0, 4K@30Hz 4:4:4, 8Bit, full HD, 3D Deep Color

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

CONNECTORS: Male HDMI Type D, 24K goldplated

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)

POWER SUPPLY: No external power supply needed (draws current from the source). If source power is not sufficient, connect the ADHM/HF/UAM – USB to HDMI power injector to an external power

POWER CONSUMPTION: 0.25W max

OPERATING TEMPERATURE: +32~+122°F (0~+50°C)

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

OPERATING HUMIDITY: 5 ~ 85%

LSHF (COMPLIANCE): IEC 603321, IEC 607541, IEC 610342

PLENUM (COMPLIANCE): CMPOF

RoHS: 2011/65/ EU



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CONFIGURATIONS

CLS-AOCH/XL-33	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-50	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-66	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-98	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-131	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-164	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-197	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-230	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-262	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-295	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free
CLS-AOCH/XL-328	Active Optical HighSpeed Pluggable HDMI Cable - Low Smoke & Halogen Free