



KRAMER

CLS-AOCH

Active Optical High-Speed 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), 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), 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 and 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

Thin Construction - 3.4mm (0.13") diameter

Small Bending Radius - Only 6mm (0.24")

Jacket Construction - Low smoke & halogen free

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

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 A, 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: Gray</p> <p>OUTER SHEATH DIAMETER: 3.4mm</p> <p>CABLE BENDING RADIUS: 6mm</p> <p>CONNECTOR MAX. PULLING STRENGTH: 15lbs</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

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