



# KRAMER

## CP-AOCH

Active Optical HighSpeed HDMI Cable  
Plenum Rated

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



The CPAOCH is an Active Optical HDMI cable designed for long distance AV installations that demand the highest signal integrity. It supports 4K@60Hz (4:2:0) and 4K@30Hz (4:4:4) up to 100m (328ft) and is thinner, lighter and more flexible than copper or even standard optical cables, making it easier to install. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates, additional patch cables, or coupling devices. This award winning cable includes transparent EDID and HDCP support with no signal attenuation. The CPAOCH reduces the risk of EMI and RFI interference

## 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 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

Jacket Construction - UL CMPOF

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

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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 A, 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: Gray

OUTER SHEATH DIAMETER: 3.4mm

CABLE BENDING RADIUS: 6mm

CONNECTOR MAX. PULLING STRENGTH: 15lbs

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



## CONFIGURATIONS

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CP-AOCH-33	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-50	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-66	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-98	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-131	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-164	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-197	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-230	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-262	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-295	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CP-AOCH-328	Active Optical HighSpeed HDMI Cable - Plenum Rated. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices