



KRAMER

CP-AOCH

Active Optical High-Speed HDMI Cable -
Plenum Rated

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



The CP-AOCH 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. This award winning cable includes transparent EDID and HDCP support with no signal attenuation. The CP-AOCH reduces the risk of EMI and RFI interference

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

Jacket Construction - UL CMP-OF

RoHS 2011/65/EU Compliant

Varied Selection of Lengths - Available in versions from 10 to 100m (33 to 328ft)



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, DTS-HD Master Audio™, DVD Audio, SA-CD

HDMI COMPLIANCE: HDCP 2.2, EDID, CEC

CONNECTORS: Male HDMI Type A, 24K gold-plated

CABLE STRUCTURE: Hybrid optical fiber cable

FIBER OPTIC: Multi-mode 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 AD-HM/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 60332-1, IEC 60754-1, IEC 61034-2

PLENUM (COMPLIANCE): CMP-OF

RoHS: 2011/65/ EU



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CONFIGURATIONS

CP-AOCH-33	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-50	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-66	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-98	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-131	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-164	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-197	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-230	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-262	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-295	Active Optical High-Speed HDMI Cable - Plenum Rated
CP-AOCH-328	Active Optical High-Speed HDMI Cable - Plenum Rated