



CP-AOCH/XL

Active Optical High-Speed
Pluggable HDMI Cable

PLENUM RATED

Kramer's AOCH/XL is an Active Optical HDMI Cable for running 4K@60Hz 4:2:0 UHD, 4K@30Hz 4:4:4, over longer distances up to 100 meter (328 ft), in a simple & practical way.

This Hybrid-Fiber Cable HDMI ends can quickly detach, offering a much smaller head that can be run through conduit or other tight spaces with the Included pulling capsule, they and are also interchangeable. DVI ends can be purchased separately.

The AOCH cables are thinner, lighter and more flexible than copper or even standard optical cables while providing transparent EDID and HDCP support without signal attenuation and also provide reduced risk of EMI and RFI interference which provides a perfect solution for critical AV installations that demand the highest signal integrity.



Non-slip connection with
15lbs of restraining force

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 8-channel, Dolby Digital True HD and DTS-HD Master Audio
- High-quality connectors – 24K gold-plated, corrosion-resistant and best possible connectivity
- Pull-resistant – K-Lock connectors with 15lbs of restraining force
- 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 – UL CMP-OF (Plenum)
- RoHS 2011/65/EU compliant
- Varied Selection of Lengths – Available in versions from 10 to 100m (33 to 328ft)

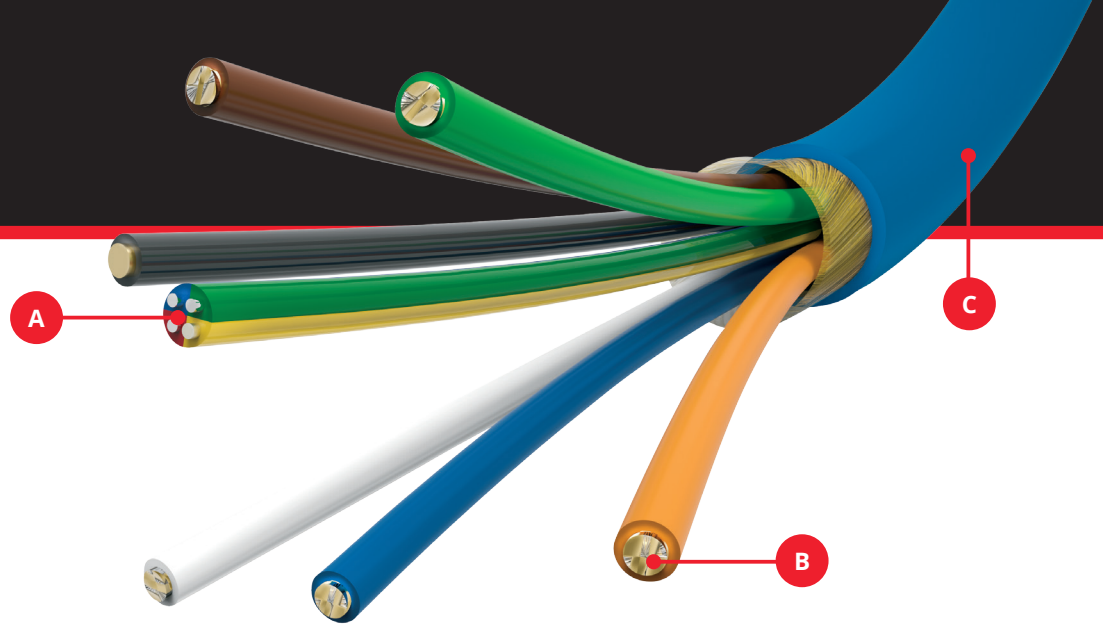
In the Box

- 1x active Optical High-Speed HDMI Cable
- 2x HDMI type-D to A adapter
- 2x HDMI-A end locking screw
- 1x USB-A to MicroB cable
- 1x pulling capsule
- 1x User manual

x.v.Color

4K60
4:2:0
HDCP 2.2





CABLE SPECIFICATIONS

AUDIO & VIDEO SPECIFICATIONS

Video Resolution	4K@60Hz 4:2:0, 4K@30Hz 4:4:4, 8Bit, full HD, 3D Deep Color
Data Rate (max)	Up to 10.2 Gbps
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 Support	HDCP 2.2, EDID, CEC

PHYSICAL SPECIFICATIONS

Connector-1 (source end)	Male HDMI type-A 24K gold plated (pluggable) / Male HDMI type D
Connector-2 (display end)	Male HDMI type-A 24K gold plated (pluggable) / Male HDMI type D
Cable Structure	Hybrid Optical Fiber Cable
Fiber Optic A	Multi-mode fiber
Conductors B	6x28AWG (7/0.127mm)
Outer Sheath Material C	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 SPECIFICATIONS

Power Supply	No external power supply is needed (draws current from the source). If source power is not sufficient, connect the supplied USB cable to an external power.
Power Consumption	0.25W max

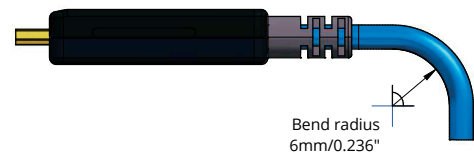
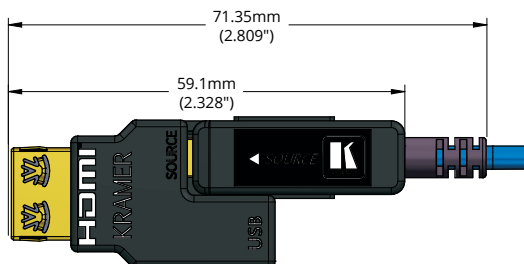
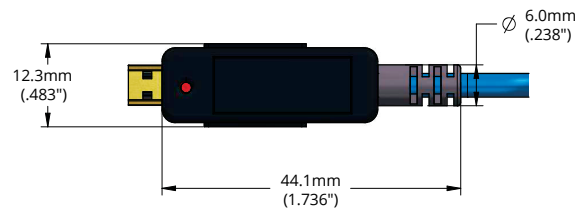
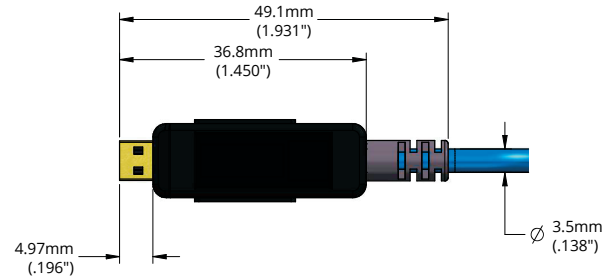
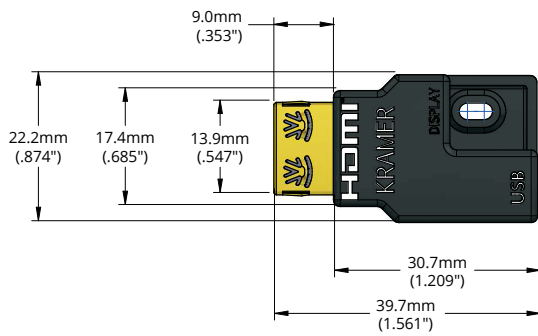
ENVIRONMENTAL SPECIFICATION

Operating Temperature	+32~+122°F (0~+50°C)
Storage Temperature	-22~+122°F (0~+50°C)
Operating Humidity	5 ~ 85%

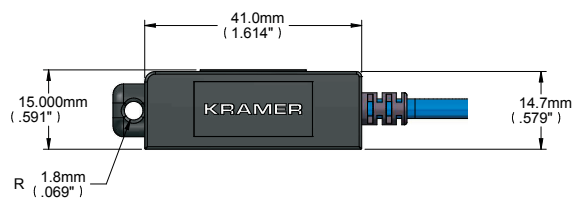
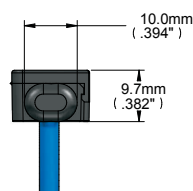
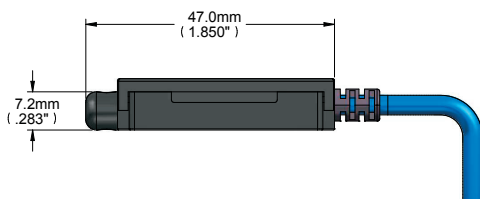
REGULATORY

Plenum (compliance)	CMP-OF
RoHS	2011/65/ EU

OUTLINE DIMENSIONS



Pulling Capsule Dimensions





ORDERING INFORMATION

Plenum Rated

MODEL	DESCRIPTION	LENGTH	GROSS WEIGHT
CP-AOCH/XL-33	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	33ft/10.00m	0.79lbs/0.36kg
CP-AOCH/XL-50	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	50ft/15.20m	0.79lbs/0.36kg
CP-AOCH/XL-66	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	66ft/20.00m	1.65lbs/0.75kg
CP-AOCH/XL-98	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	98ft/30.00m	1.65lbs/0.75kg
CP-AOCH/XL-131	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	131ft/40.00m	2.07lbs/0.94kg
CP-AOCH/XL-164	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	164ft/50.00m	2.62lbs/1.19kg
CP-AOCH/XL-197	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	197ft/60.00m	3.04lbs/1.38kg
CP-AOCH/XL-230	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	230ft/70.00m	3.46lbs/1.57kg
CP-AOCH/XL-262	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	262ft/80.00m	3.90lbs/1.77kg
CP-AOCH/XL-295	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	295ft/90.00m	4.32lbs/1.96kg
CP-AOCH/XL-328	Active Optical High-Speed Pluggable HDMI Cable – Plenum rated	328ft/100.00m	4.74lbs/2.15kg

