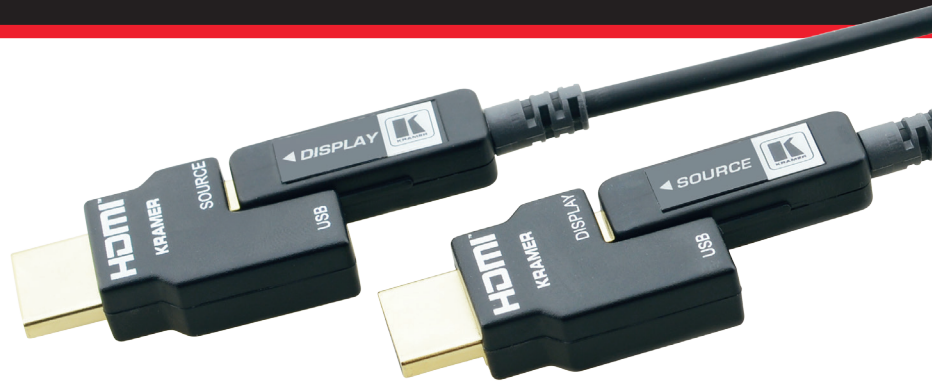




# CLS-AOCH/60

Active Optical  
UHD Pluggable HDMI Cable

LOW SMOKE & HALOGEN FREE



Kramer's AOCH/60 is a state of the art Active Optical HDMI Cable for running 4K UHD HDMI 2.0 signals, 4K@60Hz (4:4:4) UHD, over long 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 are also interchangeable. DVI ends can be purchased separately.

The AOCH/60 cables are thinner, lighter and more flexible than copper or even standard optical cables while providing transparent EDID, HDCP and HDR 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.

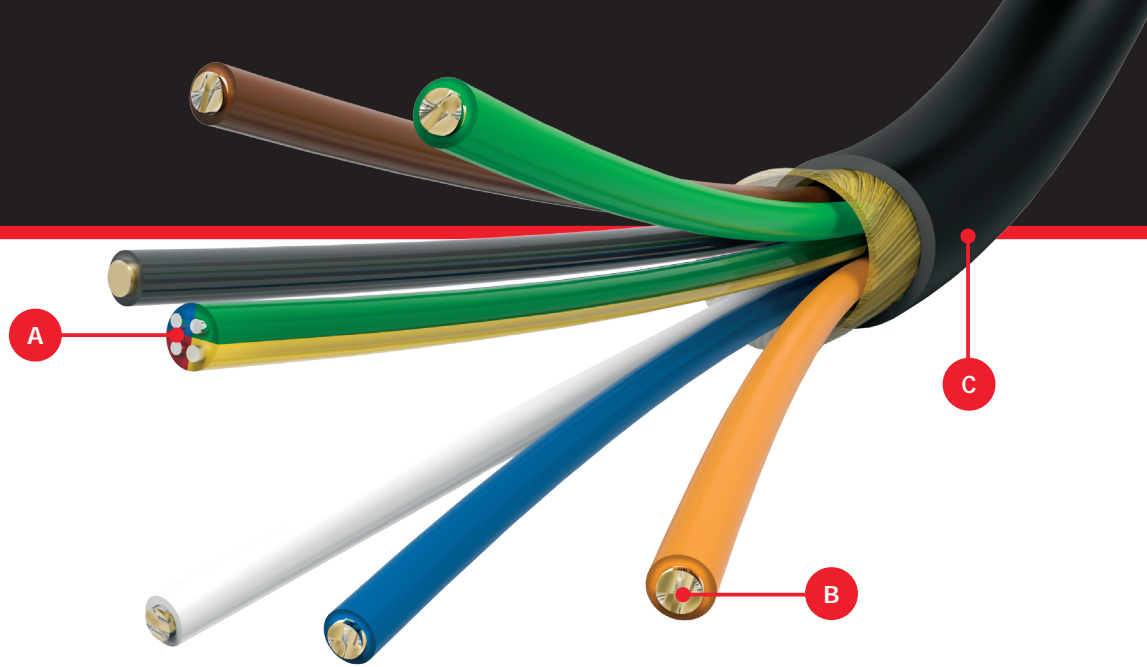
## Features

- Video Resolution – Up to 4K@60Hz 4:4:4
- High Data Transfer Rate – Up to 18Gbps
- Embedded Audio – PCM 8-channel, Dolby Digital True HD and DTS-HD Master Audio
- HDMI support - HDCP 2.2 ,HDR (High dynamic range), EDID and CEC
- High-quality connectors – 24K gold-plated, corrosion-resistant and best possible connectivity
- Reduced EMI and RFI
- Thin Construction – 3.4mm (0.13") diameter
- 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)

## In the Box

- 1x active Optical UHD 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





## CABLE SPECIFICATIONS

### AUDIO & VIDEO SPECIFICATIONS

Video Resolution	Up to 4K@60Hz 4:4:4 across all lengths
Data Rate (max)	Up to 18 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, HDR, EDID and 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 <b>A</b>	Multi-mode Fiber
Conductors <b>B</b>	6x28AWG (7/0.127mm)
Outer Sheath Material <b>C</b>	Low smoke & halogen free
Outer Sheath Color	Black
Outer Sheath Diameter	3.4mm
Cable Bending Radius	6mm
Connector Max. Pulling Strength	22lbs/10kg
Max. Compression Load Resistance	500N (50kg, 110lbs)

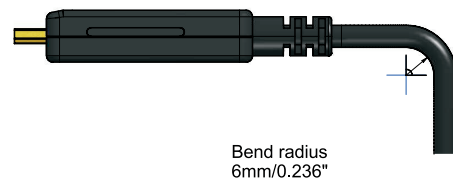
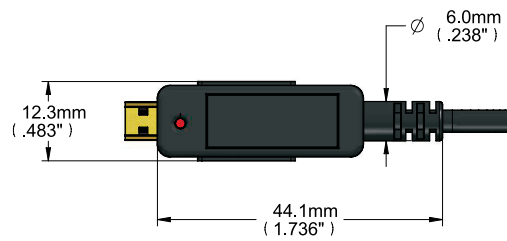
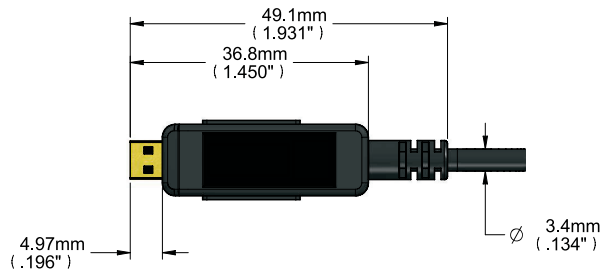
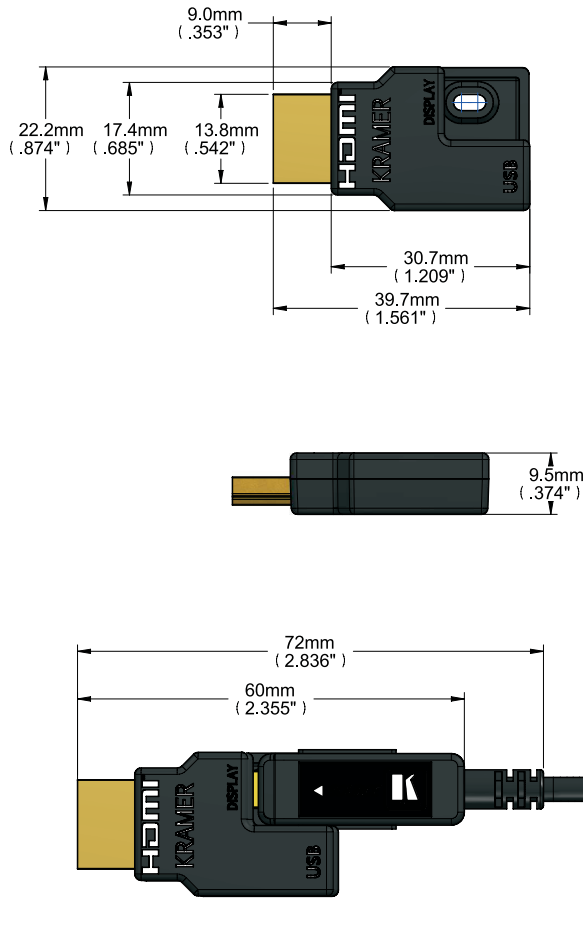
### POWER SPECIFICATIONS

Power Supply	Connect the supplied USB cable to an external USB power source
Power Consumption	0.75W max

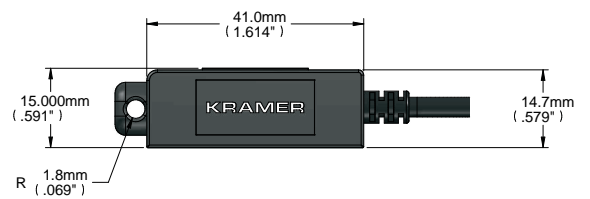
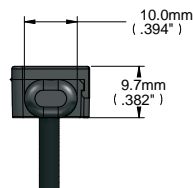
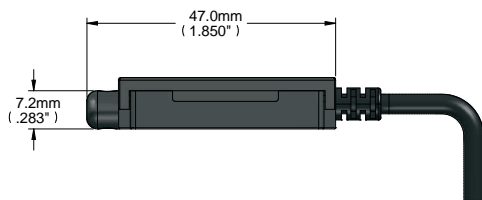
### REGULATORY

LSHF (compliance)	IEC 60332-1, IEC 60754-1, IEC 61034-2
RoHS	2011/65/ EU

## OUTLINE DIMENSIONS



## Pulling Capsule Dimensions





## ORDERING INFORMATION

### Low Smoke & Halogen Free

MODEL	DESCRIPTION	LENGTH	GROSS WEIGHT
<b>CLS-AOCH/60-33</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	33ft/10.00m	0.79lbs/0.36kg
<b>CLS-AOCH/60-50</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	50ft/15.20m	1.01lbs/0.46kg
<b>CLS-AOCH/60-66</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	66ft/20.00m	1.21lbs/0.55kg
<b>CLS-AOCH/60-98</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	98ft/30.00m	1.65lbs/0.75kg
<b>CLS-AOCH/60-131</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	131ft/40.00m	2.07lbs/0.94kg
<b>CLS-AOCH/60-164</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	164ft/50.00m	2.62lbs/1.19kg
<b>CLS-AOCH/60-197</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	197ft/60.00m	3.04lbs/1.38kg
<b>CLS-AOCH/60-230</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	230ft/70.00m	3.46lbs/1.57kg
<b>CLS-AOCH/60-262</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	262ft/80.00m	3.90lbs/1.77kg
<b>CLS-AOCH/60-295</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	295ft/90.00m	4.32lbs/1.96kg
<b>CLS-AOCH/60-328</b>	Active Optical UHD Pluggable HDMI Cable – LSHF	328ft/100.00m	4.74lbs/2.15kg

