CRS-AOCH/XL

Rental & Staging Active Optical Pluggable HDMI Cable

Kramer's CRS-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.

The CRS-AOCH/XL cables are specially designed to not only meet the demanding conditions of day to day installations, but were also made to withstand the toughest of conditions in the rental, staging and production markets. Constructed with a TPU (Thermoplastic Polyurethane) rated jacket which has excellent abrasion resistance, tensile strength and high tear resistance , while still thinner, lighter and more flexible than copper 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.

KRAMER K-LOCK

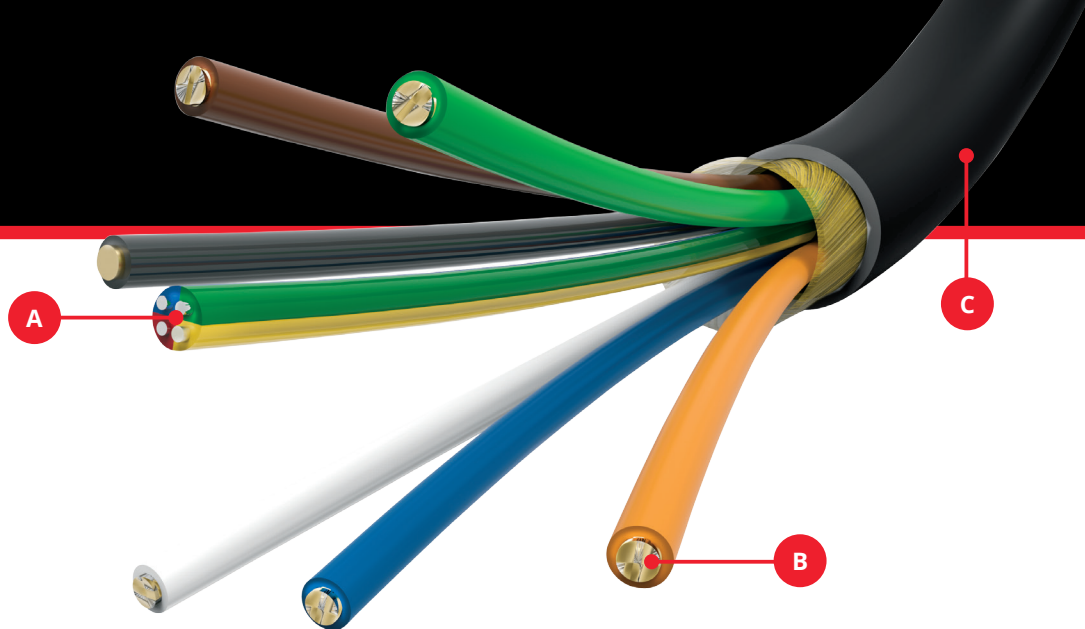Non-slip connection with 15lbs of restraining force

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 – 4.5mm (0.18") diameter.
- Small Bending Radius – Only 6mm (0.24").
- Jacket Construction – TPU (Thermoplastic Polyurethane).
- 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

HIGH SPEED

FLEXIBILITY

DEEP COLOR

4K

3D

1080p

HDCP 2.2

DOLBY TRUE HD DTS – HD

CABLE SPECIFICATIONS

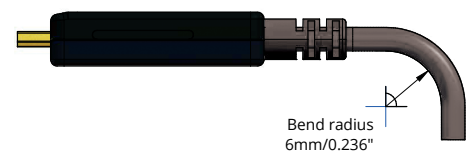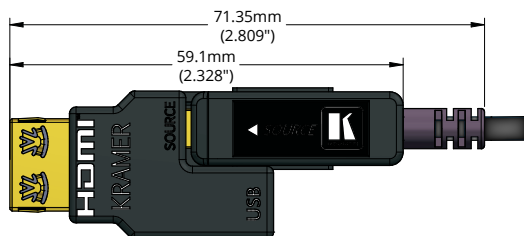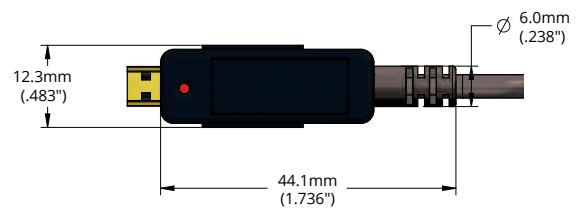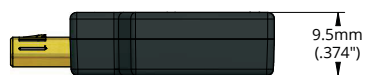| AUDIO & VIDEO SPECIFICATIONS	
Video Resolution	4K@60Hz 4:2:0, 4K@30Hz 4:4:4, 8Bit, full HD, 3D Deep Color
Data Rate (max)	Up to 10.2 Gbps
Supported Color Spaces	RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601
Embedded Audio	Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD
HDMI Compliance	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 Ⓐ	Multi-mode fiber
Conductors Ⓑ	6x28AWG (7/0.127mm)
Outer Sheath Material Ⓒ	TPU (Thermoplastic Polyurethane)
Outer Sheath Color	Black
Outer Sheath Diameter	4.5mm
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	
RoHS	2011/65/ EU

OUTLINE DIMENSIONS

9.0mm (.353")
22.2mm (.874")
17.4mm (.685")
13.9mm (.547")
30.7mm (1.209")
39.7mm (1.561")

49.1mm (1.931")
36.8mm (1.450")
4.97mm (.196")
⌀ 4.5mm (.18")

9.5mm (.374")

12.3mm (.483")
⌀ 6.0mm (.238")
44.1mm (1.736")

71.35mm (2.809")
59.1mm (2.328")

Bend radius 6mm/0.236"
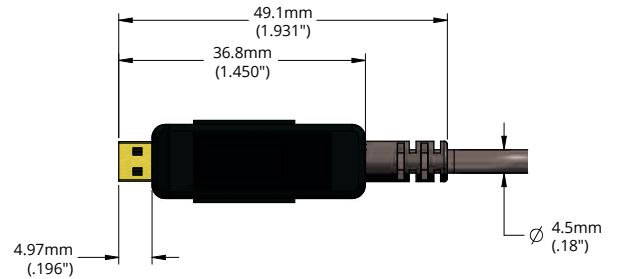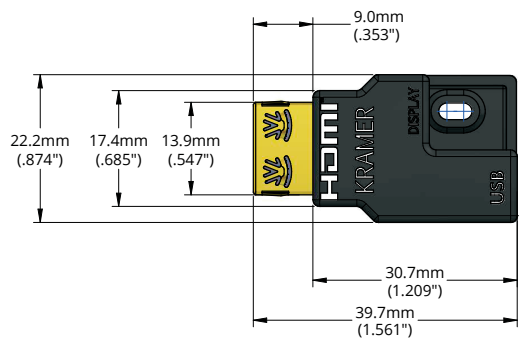
Pulling Capsule Dimensions

47.0mm (1.850")
7.2mm (.283")

10.0mm (.394")
9.7mm (.382")

41.0mm (1.614")
15.000mm (.591")
14.7mm (.579")
R 1.8mm (.069")
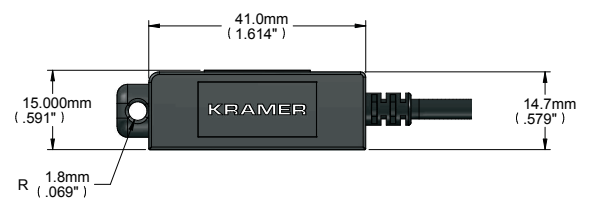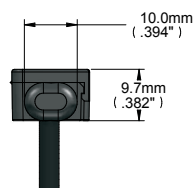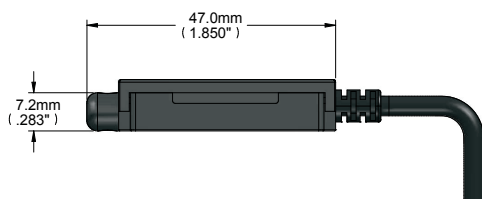
ORDERING INFORMATION

MODEL	DESCRIPTION	LENGTH	GROSS WEIGHT
CRS-AOCH/XL-33	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	33ft/10.00m	1.10lbs/0.5kg
CRS-AOCH/XL-50	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	50ft/15.20m	1.34lbs/0.61kg
CRS-AOCH/XL-66	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	66ft/20.00m	1.59lbs/0.72kg
CRS-AOCH/XL-98	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	98ft/30.00m	2.09lbs/0.95kg
CRS-AOCH/XL-131	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	131ft/40.00m	2.58lbs/1.17kg
CRS-AOCH/XL-164	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	164ft/50.00m	3.22lbs/1.46kg
CRS-AOCH/XL-197	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	197ft/60.00m	3.70lbs/1.68kg
CRS-AOCH/XL-230	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	230ft/70.00m	4.21lbs/1.91kg
CRS-AOCH/XL-262	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	262ft/80.00m	4.70lbs/2.13kg
CRS-AOCH/XL-295	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	295ft/90.00m	5.20lbs/2.36kg
CRS-AOCH/XL-328	Rental & Staging Active Optical High-Speed Pluggable HDMI Cable	328ft/100.00m	5.69lbs/2.58kg

REV 1.0