

CRS-AOCH/COLOR

Rental & Staging Active Optical High-Speed HDMI Cable



Kramer's CRS-AOCH/COLOR is an Active Optical HDMI Cable 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/COLOR 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.

The HDMI ends are color coded (Green for source, Red for display) to eliminate wrong installation in the field.

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
- 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)

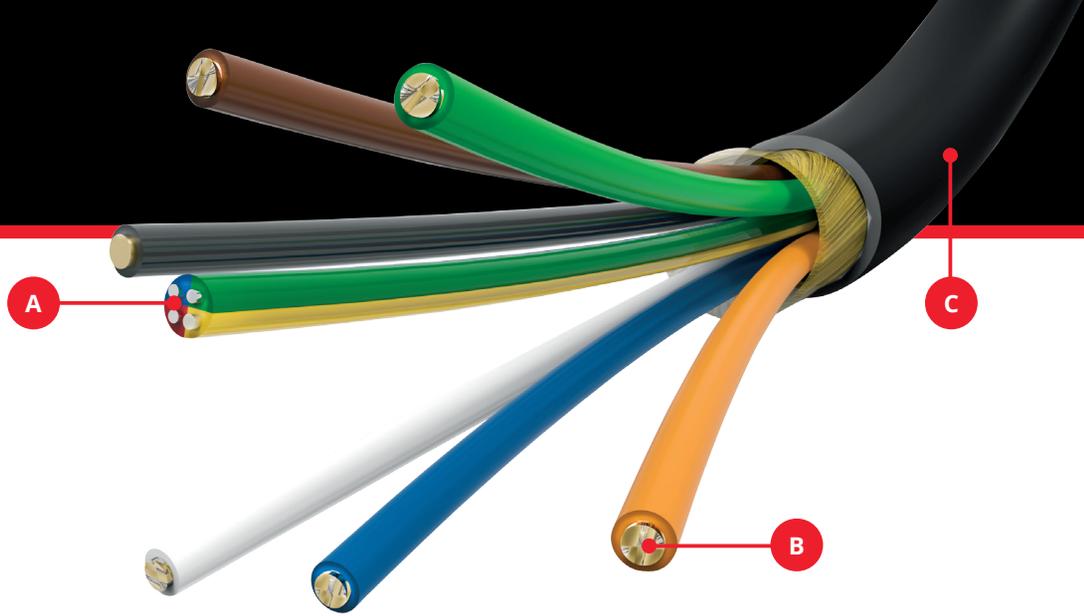
In the Box

- 1x active Optical High-Speed HDMI Cable
- 1x AD-HM/HF/UAM – USB to HDMI power injector
- 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
Connector-2 (display end)	Male HDMI Type A, 24K gold-plated
Cable Structure	Hybrid Optical Fiber Cable
Fiber Optic A	Multi-mode fiber
Conductors B	6x28AWG (7/0.127mm)
Outer Sheath Material C	TPU (Thermoplastic Polyurethane)
Outer Sheath Color	Black
Outer Sheath Diameter	4.5mm
Cable Bending Radius	6mm
Connector Max. Pulling Strength	15lbs
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 AD-HM/HF/UAM – USB to HDMI power injector to an external power.
Power Consumption	0.25W max

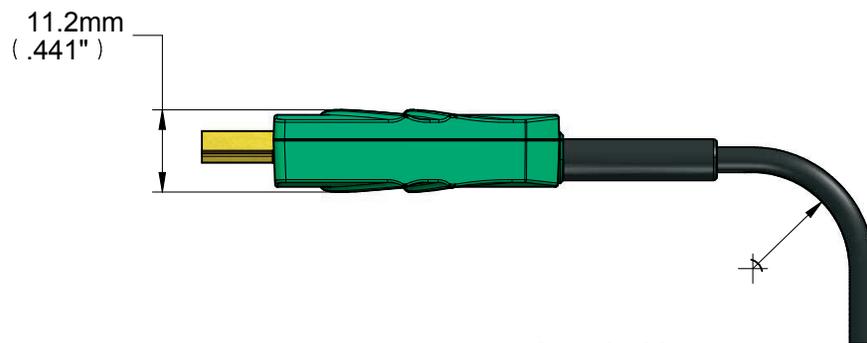
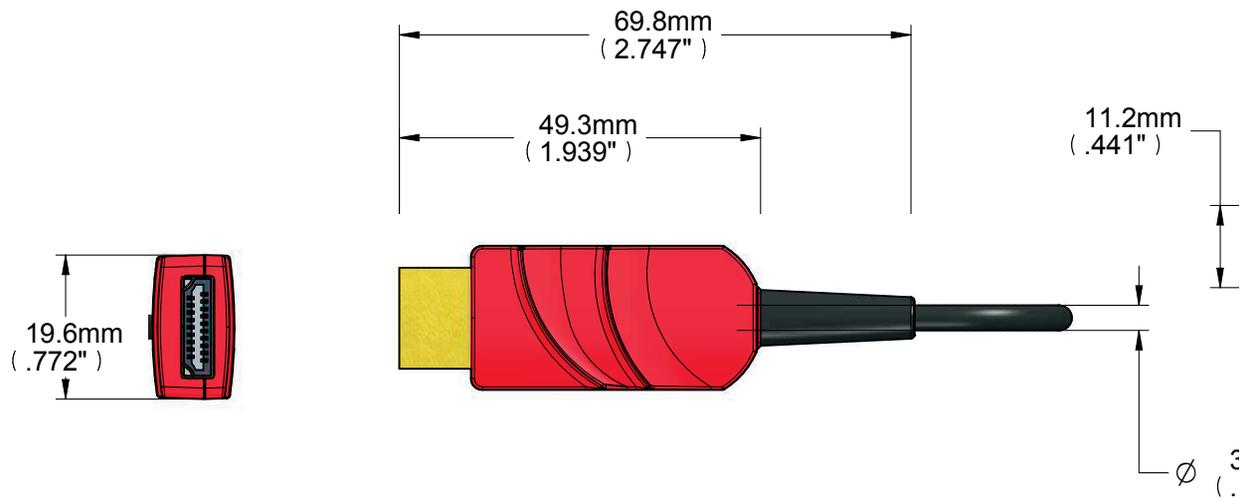
ENVIRONMENTAL SPECIFICATION

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
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OUTLINE DIMENSIONS





ORDERING INFORMATION

MODEL	DESCRIPTION	LENGTH	GROSS WEIGHT
CRS-AOCH/COLOR-33	Rental & Staging Active Optical High-Speed HDMI Cable	33ft/10.00m	0.77lbs/0.35kg
CRS-AOCH/COLOR-50	Rental & Staging Active Optical High-Speed HDMI Cable	50ft/15.20m	0.97lbs/0.44kg
CRS-AOCH/COLOR-66	Rental & Staging Active Optical High-Speed HDMI Cable	66ft/20.00m	1.17lbs/0.53kg
CRS-AOCH/COLOR-98	Rental & Staging Active Optical High-Speed HDMI Cable	98ft/30.00m	1.59lbs/0.72kg
CRS-AOCH/COLOR-131	Rental & Staging Active Optical High-Speed HDMI Cable	131ft/40.00m	1.98lbs/0.90kg
CRS-AOCH/COLOR-164	Rental & Staging Active Optical High-Speed HDMI Cable	164ft/50.00m	2.54lbs/1.15kg
CRS-AOCH/COLOR-197	Rental & Staging Active Optical High-Speed HDMI Cable	197ft/60.00m	2.91lbs/1.32kg
CRS-AOCH/COLOR-230	Rental & Staging Active Optical High-Speed HDMI Cable	230ft/70.00m	3.33lbs/1.51kg
CRS-AOCH/COLOR-262	Rental & Staging Active Optical High-Speed HDMI Cable	262ft/80.00m	3.73lbs/1.69kg
CRS-AOCH/COLOR-295	Rental & Staging Active Optical High-Speed HDMI Cable	295ft/90.00m	4.12lbs/1.87kg
CRS-AOCH/COLOR-328	Rental & Staging Active Optical High-Speed HDMI Cable	328ft/100.00m	4.52lbs/2.05kg

