



# kramer

## CLS-AOCH/UF

Ultra High-Speed HDMI Optic Hybrid Cable  
- LSHF

| HDMI



CLS-AOCH/UF is an innovative active hybrid optical HDMI cable for sending 8K signals up to 100 meters (328 ft).

CLS-AOCH/UF is thinner, lighter and more flexible than most of the copper or even standard optical cables. It offers transparent EDID and HDCP support with no signal attenuation and reduced risk of EMI and RFI interference

## FEATURES

Video Resolution - Up to 4K@120, 8K@60Hz (4:2:0)

High Data Transfer Rate - Up to 48Gbps

Embedded Audio - PCM 8-channel, Dolby Digital True HD and DTS-HD Master Audio

HDMI Support - HDCP 2.2, HDR, EDID, eARC, and DSC as specified in HDMI 2.1

High-Quality Connectors - 24K gold-plated, corrosion-resistant and best possible connectivity

Reduced EMI & RFI

Thin Construction - 4.5mm diameter

Ultra Certified (up to 66ft)

Jacket Construction - Low smoke & halogen free

REACH RoHS 2011/65/EU, CE, FCC, compliant

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



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## TECHNICAL SPECIFICATIONS

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Video	Max Resolution: 8K@60Hz  Supported Color Spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601, BT.2020  HDMI Support: Dynamic HDR, HDCP 2.2, EDID and CEC, eARC and ETH
Audio	Supported Audio Formats: Dolby Digital Plus™, Dolby TrueHD™, DTS–HD Master Audio™, DVD Audio, SA–CD
PHYSICAL	HDMI Source: On a male HDMI type A, 24K gold–plated K–Lock connector  HDMI Display: On a male HDMI type A, 24K gold–plated K–Lock connector
General	Cable Type: Hybrid with OM3 fiber and copper wire  O/E Converter: 4 channel 850 nm VCSEL array  Material: Bare Copper  Flammability: LSHF
MECHANICAL	Cable Bending Radius: 45mm
JACKET	Color: Black  Diameter : 4.5mm
	ELECTRICAL:
Power	Consumption: 250mW (max)
Environmental Conditions	Operating Temperature: 50°C  Storage Temperature: –40–70°C
STANDARDS COMPLIANCE - EC VERIFIED	Safety: CE/FCC
Regulatory Compliance (Standards Compliance)	Environmental: REACH,RoHS 2011/65/ EU



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## CONFIGURATIONS

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CLS-AOCH/UF-33	Certified Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-50	Certified Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-66	Certified Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-98	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-131	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-164	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-197	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-230	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-262	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-295	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/UF-328	Ultra High-Speed HDMI Optic Hybrid Cable — LSHF

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