CLS-AOCH/60F

High–Speed HDMI Optic Hybrid Cable — LSHF



CLS−AOCH/60F is an innovative active optical HDMI cable for 4K signals up to 90 meters (295ft). CLS−AOCH/60F cables are thinner, lighter, and more flexible than copper or even standard optical cables. They offer transparent EDID and HDCP support with no signal attenuation and reduced risk of EMI and RFI interference. CLS−AOCH/60F cables are an ideal solution for maximizing signal integrity in critical AV installations

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 2.2/1.4, HDR, EDID, ARC and CEC
- High–Quality Connectors - 24K gold–plated, corrosion–resistant and best possible connectivity
- Reduced EMI & RFI
- Thin Construction - 4.5mm diameter
- Jacket Construction - Low smoke & halogen free
- RoHS 2011/65/EU CE,FCC Compliant
- Varied Selection of Lengths - Available in versions from 10 to 90m (33 to 295ft)

TECHNICAL SPECIFICATIONS

Video	Max Resolution: 4K@60Hz
	Supported Color Spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601, BT.2020
	HDMI Support: HDR, HDCP 2.2/1.4, EDID and CEC, ARC
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: 20mm
JACKET	Color: Black
	Diameter : 4.5mm
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

CONFIGURATIONS

CLS-AOCH/60F-33	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-50	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-66	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-98	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-131	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-164	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-197	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-230	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-262	High–Speed HDMI Optic Hybrid Cable — LSHF
CLS-AOCH/60F-295	High–Speed HDMI Optic Hybrid Cable — LSHF