



## CLS-AOCH/60F

High-Speed HDMI Optic Hybrid Cable —  
LSHF

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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

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- 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

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|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                                        | Max Resolution: 4K@60Hz<br><br>Supported Color Spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601, BT.2020<br><br>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<br><br>HDMI Display: On a male HDMI type A, 24K gold-plated K-Lock connector                |
| General                                      | Cable Type: Hybrid with OM3 fiber and copper wire<br><br>O/E Converter: 4 channel 850 nm VCSEL array<br><br>Material: Bare Copper<br><br>Flammability: LSHF      |
| MECHANICAL                                   | Cable Bending Radius: 20mm                                                                                                                                       |
| JACKET                                       | Color: Black<br><br>Diameter : 4.5mm                                                                                                                             |
| Power                                        | Consumption: 250mW (max)                                                                                                                                         |
| Environmental Conditions                     | Operating Temperature: 50°C<br><br>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 |