



## CLS-AOCU/CH

Active Optical 4K USB Type C (M) to HDMI  
(M) – Low Smoke & Halogen Free

| HDMI



CLS-AOCU/CH is an innovative active optical USB C to HDMI cable for 4K signals up to 30 meters (98ft). CLS-AOCU/CH 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-AOCU/CH 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

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

Reduced EMI & RFI

Thin Construction - 4.7mm diameter

Jacket Construction - Low smoke & halogen free

RoHS 2011/65/EU, CE, FCC Compliant

Varied Selection of Lengths - Available in versions from 5 to 30m (15 to 98ft)



## TECHNICAL SPECIFICATIONS

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|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Video                                        | Max Resolution: 4K@60Hz<br><br>Supported Color Spaces: RGB, YCbCr, xvYCC, BT.2020<br><br>HDMI Support: HDR, HDCP 2.2/1.4, EDID       |
| Audio                                        | Supported Audio Formats: DTS HD 7.1, Dolby TrueHD                                                                                    |
| PHYSICAL                                     | USB-C Source: On a male HDMI type A, 24K gold-plated<br><br>HDMI Display: On a male HDMI type A, 24K gold-plated                     |
| General                                      | Cable Type: Hybrid with 4x polymer insulated glass fibers<br><br>Copper Type: 30-20 AWG tinned copper wire<br><br>Flammability: LSHF |
| MECHANICAL                                   | Cable Bending Radius: 20mm                                                                                                           |
| JACKET                                       | Color: Black<br><br>Diameter: 4.7 +/- 0.2mm                                                                                          |
| Power                                        | Consumption: < 1.5W                                                                                                                  |
| Environmental Conditions                     | Operating Temperature: 0-50°C<br><br>Storage Temperature: -20-70°C                                                                   |
| STANDARDS COMPLIANCE - EC VERIFIED           | Safety: CE/FCC                                                                                                                       |
| Regulatory Compliance (Standards Compliance) | Environmental: REACH, RoHS 2011/65/ EU                                                                                               |





#### CONFIGURATIONS

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| CLS-AOCU/CH-15 | Active Optical 4K USB Type C (M) to HDMI (M) – Low Smoke & Halogen Free |
| CLS-AOCU/CH-33 | Active Optical 4K USB Type C (M) to HDMI (M) – Low Smoke & Halogen Free |
| CLS-AOCU/CH-50 | Active Optical 4K USB Type C (M) to HDMI (M) – Low Smoke & Halogen Free |
| CLS-AOCU/CH-66 | Active Optical 4K USB Type C (M) to HDMI (M) – Low Smoke & Halogen Free |
| CLS-AOCU/CH-98 | Active Optical 4K USB Type C (M) to HDMI (M) – Low Smoke & Halogen Free |