



Active Optical HDMI 2.0 Cable Detachable Connectors

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The Covid ADC Series Active Optical Cable is the perfect solution for critical AV installations that demand flawless signal integrity. The latest advances in technology allow the Active Optical Cable to be compliant with 4K@60Hz resolutions, as well as features like HPD, EDID, HDCP and CEC link operations.

The ADC AOC has features unlike any other which make it the best choice when flexibility is the key. The Active Optical Cable is thinner, lighter and more flexible than copper. Depending on which video format suits your needs, there are a variety of detachable input and output adapters that easily connect to the ADC AOC cable. The detachable design is best suited for narrow installation environments. In addition, The HDMI connector is tailored using a High retention T-Grip connector to provide higher mechanical strength.

The Active Optical Cable is offered at lengths up to 91.44m (300ft.), which is far beyond the normal reach of conventional copper HDMI cables. Covid is proud to offer cable jackets that comply with the UL standards and have a Plenum (CL2P) Rating.

Note: These cables are recommended for point to point when running 4K60 18G applications. When used with a wall plate, it will need the active pigtail and power injector to the source side.

Features

- Supports HDMI 2.0 4K2K 60Hz 4:4:4
- Compliant with HDMI 2.0/1.4b/1.4a version
- Supports HDCP/EDID/ CEC / DDC /HPD
- Detachable and variable design, easy to install.
- Cable length up to 91.44M, UL/CSA/ETL certified Plenum rating
- HDMI connector insertion force: 10 Kgf max, withdraw force: 4 Kgf min.
- Add power easily with source/display side micro USB receptacles
- RoHS compliant
- Source and display ends of cable identifiable by color.

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ADC Series Adapters



ADC-DPHD-TX
DisplayPort to HDMI Tx



ADC-DVI-RX
DVI Rx



ADC-DVI-TX
DVI Tx



ADC-HDEQ-TX
HDMI Tx with EQ



ADC-HD-RX
HDMI Rx



ADC-HD-TX
HDMI Tx

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TECHNICAL SPECIFICATION



Applications



Specifications

HDMI Signal Input & Output	
Support HDMI Ver.	HDMI 2.0/1.4b/1.4a/1.4 version
Video Format	4K2K HDR/1080p/1080i/720p (Support 4K2K 60Hz 4:4:4)
Support Features	HDCP/EDID/CEC/DDC/HPD
Signal Input & Output Connector	Detachable HDMI A-type (Plug)
General	
External Supplied Voltage	5V DC
External Supplied Each Side Current (Average)	120mA
Operation Temperature	0°C to 50°C
Storage Temperature	-10°C to 70°C
Humidity	0%~ 85% RH
Cable Length	Up to 100M
Cable Diameter	3.6mm± 0.2mm
Bending Radius (Min.)	25mm
Cable Color	Black
Cable Type	VW-1/CL2P

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Unit of Measure (mm)



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