



**HDMI-D AOC Cable**

Cable colour: grey ●

Available lengths: 30m, 50m, 80m, 100m

# HDMI-D AOC VIDEO CABLE

WITH PLUGGABLE HDMI-A AND DVI-D ADAPTERS

The TTL hybrid cable is an optical Plug & Play cable which can be adapted to various applications with HDMI and DVI plugs. It transfers HDMI and DVI signals without any loss over distances up to 100 meters. Equipped with small, compact plugs and a flexible cable, it is perfectly suited for a lot of critical AV installations. A cable pulling capsule is further useful to pull the cable undamaged through conduits.

The HDMI and DVI adapters are simply plugged onto the cable plugs and are fixed with one screw. They allow 4 connections:

- HDMI Input** → **HDMI Output**
- HDMI Input** → **DVI Output**
- DVI Input** → **DVI Output**
- DVI Input** → **HDMI Output**

**Applications:**

- Professional AV systems
- Digital Signage systems
- Home Theatre systems



Cable Pulling Capsule  
**P-HDMI-D-PULLCAP**

**Technical Data:**

- Resolution:** 4K / 30Hz (backward compatible), 3D, Deep Color, Multi-Channel Audio, DolbyTrueHD, DTS-HD Master Audio
- HDMI Compatibility:** HPD, EDID, CEC, HDCP
- Features:**
  - Reduced EMI / RFI
  - Plug & Play
  - Low power consumption (0.25W) - No external power required
  - High pulling strength and compression load
  - Low power consumption
  - IEC LSZH (Low Smoke Zero Halogen)



HDMI-A Adapter Source  
**P-HDMI-A-TX**



HDMI-A Adapter Display  
**P-HDMI-A-RX**



DVI-D Adapter Source  
**P-DVI-D-TX**



DVI-D Adapter Display  
**P-DVI-D-RX**

**HDMI D AOC - HDMI D Plug Source to HDMI D Plug Display**

	30 Meter	50 Meter	80 Meter	100 Meter
Item Number	P-HDMI-D-AOC-30,0M	P-HDMI-D-AOC-50,0M	P-HDMI-D-AOC-80,0M	P-HDMI-D-AOC-100,0M



long distance

Transmitter

Receiver

External power supply

## HDMI A ACTIVE OPTICAL CABLE

The HDMI AOC hybrid cable is an optical Plug & Play cable which transfers multimedia signals in high resolution with 4K, 60Hz, and 4:4:4 chroma subsampling across long distances up to max.100 meters. The end for the connection with the output device (PC or notebook) is equipped with one HDMI A plug, the other end for the monitor connection with one HDMI A plug and an additional USB A plug.

### Description:

Plugs: HDMI A plug TX to  
HDMI A plug RX + USB A plug  
for external power supply

Hybrid Cable: Multimode optical fiber / copper AWG28  
Flexible LSOH jacket material  
4.8 mm outer diameter

### Technical Data:

Image Resolution: 4K / 60Hz, 4:4:4 RGB  
Transmission Rate: Up to 6 Gbps  
Features: Reduced EMI / RFI  
Plug & Play  
Low power consumption

Tensile Load: 245N (max.)  
Bending radius: 52 mm

Cable Colour: black ●

	30 Meter	50 Meter	80 Meter	100 Meter
Item Number	HDMI-AOC-B-30,0M	HDMI-AOC-B-50,0M	HDMI-AOC-B-80,0M	HDMI-AOC-B-100,0M



# USB 3.0 ACTIVE OPTICAL CABLE

BACKWARD COMPATIBLE TO USB 2.0 / USB 1.1

The USB 3.0 Active Optical Cable is an optical hybrid cable that transfers high-resolution multimedia data with high speed up to 5 Gbps up to 50 meters. AOC is a cabling technology that accepts the same electrical inputs of connected devices as a traditional cable.

These are converted into optical signals for the transfer via fibers. The cable provides excellent installation characteristics; it is very thin (3.0 mm), flexible, and durable.

The USB 3.0 Active Optical Cable is backward compatible, and is ideal for a wide variety of USB devices from printers, scanners, hard drives, and audio devices to touch screens, web cams, and game controllers.

## Description:

Plugs: USB 3.0 TX male to  
USB 3.0 RX female

Hybrid Cable: Multimode optical fiber / copper AWG22  
Flexible LSOH jacket material  
3.0 mm outer diameter

Colour cable: black ●  
Colour plugs: silver ○

## Item Numbers

20 Meter	30 Meter	50 Meter
USB-AOC-20,0M	USB-AOC-30,0M	USB-AOC-50,0M

## Technical Data:

Compatibility: USB 3.0 / USB 2.0 / USB 1.1  
Transmission: Up to 5Gbps  
Tensile Load: 150N



Included is a Micro USB A to Micro USB B adapter cable which is plugged into the side of the USB connector TX. It allows additional power supply. This connection is optional.

**Please note:** A suitable USB 2.0 or USB 3.0 cable is required for connection to the terminal.





# DISPLAYPORT 1.2 AOC HYBRID CABLE

The TTL DisplayPort 1.2 hybrid cable is an optical Plug & Play cable that allows to experience a generic uncompressed interconnect for distributing DisplayPort streams over distances up to 100 meters. This cable meets the latest technologies, supports highest resolutions of 3840 x 2160 and 4096 x 2160 and supplies best audio quality.

## Applications:

Professional AV systems  
 Digital Signage systems  
 Home Theatre systems



Cable Colour: grey ●

Available lengths: 20m, 30m, 50m, 70m, 100m

## Technical Data:

Supported resolutions: 4K / 60Hz, 3840 x 2160 and 4096 x 2160  
 Supported transmissions: Up to 21.6 Gbs data rate with 5.4 Gbs/lane HBR2 link rate  
 Up to 8 channels of 16 or 24 bits linear PCM and 32 - 192 KHz sampling rate  
 Device Compatibility: HDCP, EDID, DPCP  
 Features: Reduced EMI / RFI values  
 Plug & Play  
 500 N cable pulling strength and crush load resistance  
 Low Power consumption  
 IEC LSZH (Low Smoke Zero Halogen)

	20 Meter	30 Meter	50 Meter	70 Meter	100 Meter
Item Number	DP-AOC-20,0M	DP-AOC-30,0M	DP-AOC-50,0M	DP-AOC-70,0M	DP-AOC-100,0M



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