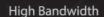# HDMI AOC Hybrid Cable

**8K ULTRA HD**

"Break Through the Limitations of Medium and Long-Distance Wiring"

✓ Fiber (Optic) Transmission

✓ EMI worry free

✓ Plug and Play

HDMI 2.1 AOC

HDMI 2.0 AOC

**4K ULTRA HD**

High Bandwidth  |  High Resolution  |  High speed lossless and zero latency transmission

## Cable length can be customized

## Length : 10M, 15M, 20M

# Features

## HDMI 2.1 AOC

- Up to 100m Maximum Length.
- Compatible with HDMI 2.1 standard.
- Backward compatible with HDMI1. 4 and HDMI2.0
- Support HDCP 2.2
- Support HDR
- Support VRR
- Support QMS
- Support QFT
- Support ALLM
- Support DSC
- Support eARC
  Self-detecting function for EDID information
- Support 48 Gbps Bandwidth with 4K 50/60/100/120Hz and 8K 50/ 60Hz
- No loss of signal – delivering crystal clear digital images instantly.
- Hybrid optic cable with copper wire.

**SOURCE** — PC | PS3/4/X Box | Home Cinema

Monitor | TV | Projector | **DISPLAY**

aegis CONNECTION TOGETHER
www.aegis4av.com

# SPECIFICATIONS

## EXP-AOC2.0 (4K)

| Item | Description | |
|---|---|---|
| Units | Transmitter (Source) | Receiver (Display) |
| HDCP & DDC | HDCP 2.2 Fully Support bi-directional EDID and HDCP communication | |
| Video Bandwidth | 6 Gbps/x3Channel (max)+ Clock. | |
| Resolution | 4K@24/30/50/60Hz & 1080p/60Hz & 3D | |
| Supported Resolution & Distance | 18Gbps, Deep Colors 12bit, HDR, BT2020, 4K/60Hz, up to 100 meters | |
| O/E Converter | 4 channel 850 nm VCSEL array | 4 CH GaAs PD array |
| Connector Type | HDMI type A | |
| Cable Type | Hybrid type with OM3 fiber and copper wire | |
| Cable Outer Diameter | 4.5mm | |
| Jacket Outer Material | PVC/TPU (Custom) | |
| Differential Input | 100 ohm (typ) | |
| Power Consumption | 250mW (max) | |
| Temperature | Operating: 0°C to 55°C (32°F to 122°F) Storage: -40°C to 70°C (-40°F to 158°F) | |
| Power Supply | Non external power required | |

## EXP-AOC2.1 (8K)

| Item | Description | |
|---|---|---|
| Units | Transmitter (Source) | Receiver (Sink) |
| HDCP & DDC | HDCP 2. 2 Fully Support bi-directional EDID and HDCP communication | |
| Video Bandwidth | 12 Gbps/x 4Channel | |
| Supported Resolution & Distance | 480p, 720p, 1080i and 1080p deep color, 4K 50/60/100/120Hz and 8K 50/60Hz up to 100m | |
| O/E Converter | 4 channel 850 nm VCSEL array | 4 CH GaAs PD array |
| Connector Type | HDMI type A | |
| Cable Type | Hybrid type with OM3 fiber and copper wire | |
| Cable Length | 15m/20m/30m/40m/50m/60m/70m/80m/90m/100m (with +/-30cm tolerance) Custom length available. | |
| Cable Outer Diameter | 4.5mm | |
| Jacket Outer Material | PVC/TPU(Custom) | |
| Differential Input | 100  ohm (typ) | |
| Power Consumption | 250mW (max) | |
| Power Supply | Non external power required | |