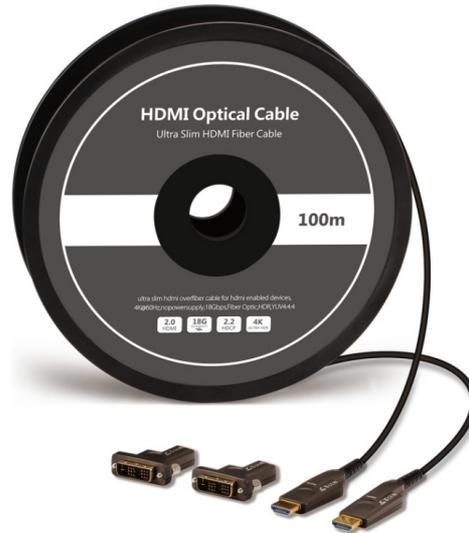




## HDMI V2.0 AOC Cable



### ***Description***

HDMI 2.0 active optical cable (AOC) with high bandwidth, low power consumption and low cost. Using optical fiber to replace copper wire as the high-speed signal transmission medium, can perfectly transmit 4k@60hz UHD image up to more than 100 meters. Compared with the traditional copper wire, HDMI 2.0 AOC is much longer, softer, more slim, with better signal quality and perfect EMI/EMC feature. Compared with other HDMI cable transmission solution, it is easy to use, has perfect compatibility, and no external power supply needed.

### **Key Features**

- 1) Long distance transmission, over 100 meters
- 2) HDMI2.0 standard, support up to 4K@60hz UHD display
- 3) Support HDCP2.2
- 4) Not support Ethernet and ARC
- 5) Plug and play without driver dependent
- 6) Thinner, lighter and softer than conventional copper cable
- 7) Highly resistant to EMI and RFI
- 8) No external power needed

Home Theater



HD video conference



Outdoor large screen display systerr



Medical,military image system



## Specification

### Cable Length

Up to 100m

Catalog

10 / 15 / 20 / 30 / 50 / 80 / 100m

### Interface

HDMI type A pluggable - HDMI type A pluggable

### Bandwidth

HDMI2.0, 18Gbps, support 4k@60hz UHD display

### Power

No external power needed

### Power Consumption

250mW

### Mechanical / Condition

Cable diameter

4.0mm

Bend Radius (Dynamic/Static)

20mm/10mm

Tensile Strength (Long term/Short term)

100N/200N

Crush Resistance (Long term/Short term)

200N/400N

Operating / Storage Temp

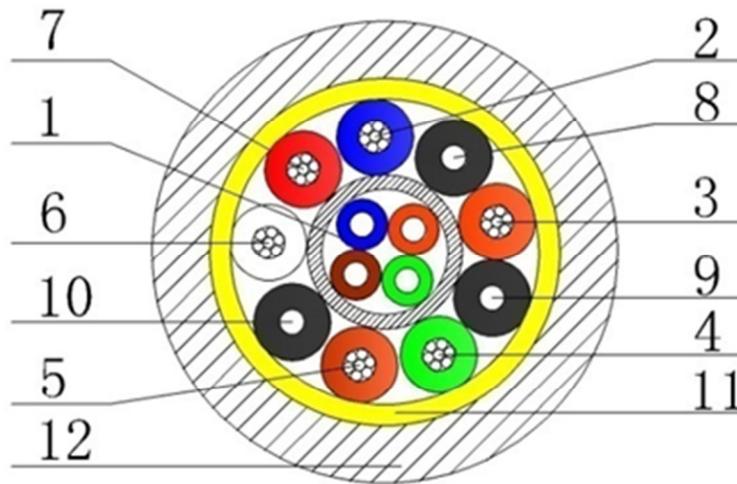
0~50 °C / -20~70 °C

## Application

- 1) Home Theater
- 2) High definition Video Meeting System

- 3) Medical Video System
- 4) High definition Video Surveillance System

**Digital Signage and TV Wall**  
**Fiber Specification**



Item	Contents	Value	Supplement
1	Sub cable	A1a,A1b or other types, Tight Buffer Fibers	4 cores (Blue、 Orange、 Green、 Brown) OD=1.3—1.6mm
2-7	Insulation Stranded copper wires	7*0.127,28AWG or other types	7 cores, OD=0.60—0.75mm (Blue, Orange, Green, Brown, White, Red)
8-10	Filler		3 Cores, Black, OD=0.68-0.75mm
11	Kevlar	Strength Member	4*1610dtex or other types
12	Outer Jacket	Black LSZH	OD=3.95±0.15mm