



HECTOR

HDMI 2.0 Long Range Active Optical Cables

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Next Generation HDMI 2.0 long range active optical cable (AOC) with high bandwidth, low power consumption and low cost. Uses optical fiber to replace copper wire as the high-speed signal transmission medium. HECTOR can perfectly transmit resolutions of up to 4k@60hz Ultra High Definition Content up to distance of 330 feet. Compared with the traditional copper wire, HECTOR is much longer, softer, slimmer, have better signal quality and perfect EMI/EMC feature. Compared with other conventional and HDMI optical fiber transmission solution, HECTOR is easy to use, has excellent compatibility and requires no external power supply.

Highlights and Features

- Support HDCP 2.2
- No External Power Supply Required
- Highly Resistant with EMI and RF Interference.
- Plug & Play
- Lossless Signal Transmission up to 100 Meters.
- HDMI 2.0 Version
- Supports signals up to 4k@60Hz UHD resolutions
- Thinner, Lighter & Softer than conventional HDMI cables

Applications

- Hardware Video Conferencing
- Professional Displays
- Professional HD Surveillance System
- Auditoriums, Meeting Rooms, Board Rooms
- Conference Hall, Seminar Halls, Theatres
- Switching Applications
- Company Receptions

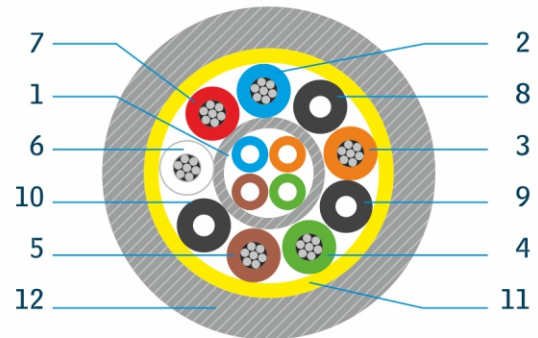


Specifications

INTERFACE	
Host Side	HDMI type A pluggable
Device Side	HDMI type A pluggable
DATA RATE AND COMPATIBILITY	
Data Rate	Supports up to 18.2gbps
Compatibility	HDMI 2.0, Support 3820 x 2160 4k) @60Hz UHD Content
POWER	
External Power	No external power needed
Power Consumption	250mW
PHYSICAL DIMENSIONS/ENVIRONMENTAL	
Cable Diameter	4.0mm
Tensile Strength	100N (Long Term) / 200N (Short Term)
Crush Resistance	200N (Long Term) / 400N (Short Term)
Bend Radius (Dynamic/Static)	80mm / 40mm
Operating Temperature	0°C to 60°C
Storage Temperature	-30°C to 70°C

Fiber Specifications

1	Sub Cable Tight Buffer Fiber. 4 Cores Colour: Blue, Orange, Green, Brown Outer Diameter: 1.30mm - 1.60mm
2 - 7	Insulation Stranded Copper Wires. 7 Cores Colour: Blue, Orange, Green, Brown, White, Red Outer Diameter: 0.60mm - 0.75mm
8 - 10	Filler. 3 Cores; Colour: Black Outer Diameter: 0.60mm - 0.75mm
11	Kevlar Strength Member
12	Outer Jacket. Colour: Black Outer Diameter: 0.60mm - 0.75mm



Model No. : **HECTOR_AOC_M2M**

Length : **10m / 15m / 20m / 30m / 40m / 50m / 70m / 100m**

For inquiry email us on
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