

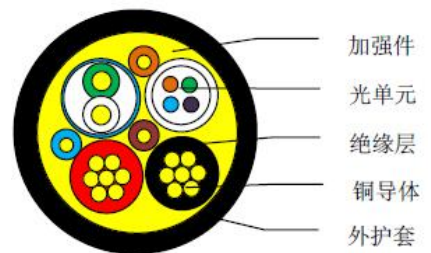
HDMI2.0 AOC

Product Model: HDMI-20-C-XXX40C-B

Suitable distance: 1-300meter

Features

- 1) Support HDMI2.0 & HDCP2.2
- 2) Transferring video signal without compress, Picture without distortion
- 3) Support DDC CEC HPD ARC signal transferring
- 4) OM2 multimode fiber 18Gbps bandwidth 30meter distance
- 5) Supporting reaching 4Kx2Kx60Hz's phototransformation
- 6) Standard HDMI interface, Accord with HDMI2.0standards
- 7) Plug & Play
- 8) EMI/RFI Impedance
- 9) 850nm VCSEL and PIN electrophotonic detector
- 10) Plug and play, no need external adaptor or signal amplifier
- 11) Cable diameter is only 4.5mm that is suitable for mini space installation application
- 12) Cable structure



Application

Big International conferences, home theatre, gymnasium, commercial theatre, medical device, auto industrial, Big international expo, outdoor display, airport etc



Application map

Performance

	Min	typical	Max	Unite	Remark
Transmission rate		18	48	GHz	Data bandwidth
Working temp	-20	25	50	°C	
Working power loss		450	500	mW	TX,RX AOC
Working volt	4.5	5	5.5	V	
Working current		110	150	mA	RX
		100	150	mA	TX
Tensile property		200		N	Shorttermtension300N Long term tension 150N
Flattening property		100		N	Short term500 N/100mm, Long term 100N/100mm
Bend radius	20	40		mm	static（work）40mm, dynamic（install）80mm
Repeat bend performance		20000		次	180°bend, jacket no cracking
Cable diameter	3.8	4.0	4.2	mm	
Fiber length	1	100		M	
Support Refresh rate	Up to 120 Hz			Hz	120Hz max support1080P Or 2160P 4:2:0
Support resolution ratio	Up to 4Kx2K			px	4Kx2K 4:4:4 为 60Hz
Support 3D	Yes				
Support HDCP	HDCP1.4/HDCP2.2				
Wave length	850			nm	
Implement error rate	1.00E-12				
VCSEL Output power	Class 1				EN 60825-1 2007 EN 60825-2 A2 2010
Ethernet	Yes				
ART	Yes				
CEC	Yes				
Plug and Play	Yes				
Cable spec	Optical fiber	4*OM2-850		nm	4 light and 7 electric compound cable
	copper	AWG20+AWG22+5*AWG28		UIT	
structure	19			Pins	HDMI A Type Port
Environment protection performance	RoHS				

Product drawing

