

BHDC-20AA

HDMI 2.0 Active Optical Cable
Type A Male - Type A Male

Highlights:

- Supports HDCP2.2 two-way EDID and HDCP communication
- Supports 4096 x 2160, 4K (60P), 3D full HD transmission distance up to 100 meters
- Transmission rate up to 6Gbps/channel, total bandwidth can be 18Gbps;
- Multi-purpose connections (HDMI and micro-HDMI[Display side])
- Energy saving, low power consumption (max. 250mW), no extra power supply required
- Plug-and-play – no software or setting required
- RF/EMI free for clear signal transmission
- Up to 300m maximum length(50m max. for eARC)
- Customized length,logo,packaging available



Product information:

The BHDC-20AA is an active optical HDMI 2.0 cable aimed for fixed installations. It utilizes BONES' unique AOC+™ Fiber Optic Technology that enables transmission resolutions up to ultra HD 4K 2160p (4096 x 2160) at 60 Hz with a bandwidth of 18Gbps via hybrid optical fiber, eliminating the possibility of electronic interference. It is the ideal solution for extending the reach of your digital signage in various settings, such as Blu-ray players, set top boxes, game consoles, monitors for large shopping malls and hospital facilities etc.



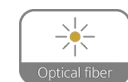
Applications:

- Digital signage
- LED signs & monitors for stadiums,hospitals,shipping malls
- Medical imaging equipment
- Airport boarding video information system
- Home Theater, Blu-ray, 3D video, projector, set-top box, DVR, game console control and monitor connection
- Radio and TV station
- Video conference equipment
- Security monitoring system

Certification:



Properties:



Technical Specifications:

Item	Description	
	Transmitter(Source)	Receiver(Display)
Source	Transmitter(Source)	Receiver(Display)
Solution	4 Channel 850 nm VCSEL array	4 Channel GaAs PD array
HDCP	Support two-way EDID and HDCP communication	
Video Bandwidth	Maximum 6Gbps/*3 Channels	
Clock Rate	600 MHz	
Bandwidth	Maximum18Gbps	
Resolution	PC: WUXGA 4096 x 2160, maximum 100 meters(330 feet) HDTV : 480p, 720p, 1080i and 1080p color depth, 4K(60P), 3D: Full HD 4096 x 2160max. 100m	
Power Consumption	250mW(Max.)	
Connector		
Type	HDMI 2.0 type A to type A	
Pull-out Force	2KGs	
Life Test	> 10000 cycles	
Cable		
Type	Hybrid Fiber Optic,50/125 OM3 / Fiber (4x)+ Copper wires (7x)	
Outer Jacket	Black, LSHF, 4.6mm (∅)	
Optional Length (Tolerance±30cm)	10m/15m/20m/30m/40m/50m/60m/70m/80m/90m/100m/110m/120m/130m/140m/150m Can be customize to maximum300 meters ;	
Bending Radius	20mm(Min.)	
Tensile Strength	25KGs	
Working Temperature	0°C to 50°C (32°F to 122°F)	
Storage Temperature	-20°C to 70°C (-4°F to 158°F).	
Relative Humidity	5% to 90% (non-condensing)	

Ordering & Packing:

Product Code	Length		Gift Box (mm)	Master Carton (mm)	QTY/CTN (PCs)	N.W. (KG)/CTN	G.W. (KG)/CTN
	(Meters)	Feet					
BHDC-20AA-010	10	33	240*225*75	470*385*255	10	7.0	8.0
BHDC-20AA-015	15	50	240*225*75	470*385*255	10	8.5	9.5
BHDC-20AA-020	20	67	240*225*75	470*385*255	10	9.5	10.5
BHDC-20AA-030	30	100	240*225*75	470*385*255	10	12	13
BHDC-20AA-040	40	130	240*225*75	470*385*255	10	14.5	15.5
BHDC-20AA-050	50	165	290*275*75	565*385*300	10	20.5	21.5
BHDC-20AA-060	60	197	290*275*75	565*385*300	10	22.5	23.5
BHDC-20AA-070	70	230	290*275*75	390*350*343	5	13	14
BHDC-20AA-080	80	263	340*325*75	390*350*343	5	15	16
BHDC-20AA-090	90	295	340*325*75	390*350*343	5	16	17
BHDC-20AA-100	100	320	340*325*75	390*350*343	5	17.5	18.5

- Length can be customized, up to 300 meters.

Packing Reference:



Gift Box

5PCs/Carton for
80~100M length



10PCs/Carton for
10~70 M length



Master Carton