

FHDR-20AA

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

Highlights:

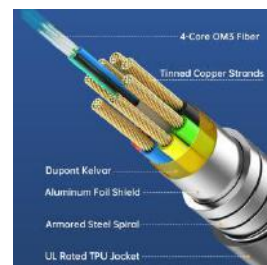
- Stainless steel and Kevlar armored tactical cable
- Super Rugged Cable Reel Included for Fast & Easy Field Deployment
- Supports HDCP2.2 two-way EDID and HDCP communication
- Supports 4096 x 2160, 4K (60P), 3D full HD transmission distance up to 100 meters
- Transmission rate up to 6Gbps/channel, total bandwidth can be 18Gbps;
- Multi-purpose connections (HDMI and micro-HDMI [Display side])
- Energy saving, low power consumption (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 (70m max. for ARC)
- Customized length, logo, packaging available

Product information:

The FHDR-20AA is an active optical HDMI 2.0 cable aimed for fixed installations. It utilizes Fiberlink' 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 & DDC	HDCP 2.2 Fully Support bi- directional EDID and HDCP communication	
Video Bandwidth	Maximum 6Gbps/*3 Channels	
Clock Rate	600 MHz	
Bandwidth	Maximum18Gbps	
Resolution	PC: WUXGA 4096 x 2160 HDTV : 480p, 720p, 1080i and 1080p color depth, 4K(60P), 3D: Full HD 4096 x 2160	
Power Consumption	250mW	
Connector		
Type	HDMI 2.0 type A to type A	
Pull-out Force	2000N/100mm; 204kg (450lbs) per sq mm; 6804kg (15,000lbs) of force	
Life Test	> 10000 cycles	
Cable		
Type	Hybrid Fiber Optic,OM3 / Fiber (4x)+ Copper wires (7x)	
Outer Jacket	Black, PVC, 4.5mm (∅)	
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(990 feet) ;	
Bending Radius	10 D (Dynamic) / 20 D (Static)	
Tensile Strength	Long Term: 400N (41kgf) Short Term: 800N (82kgf)	
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:

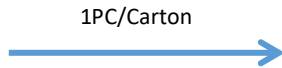
Product Code	Length		Cable Drum	Carton Dimension (mm)	QTY/CTN (PCs)	N.W. (KG)/CTN	G.W. (KG)/CTN
	(Meters)	Feet	Brand: Roxtone				
FHDR-20AA-030	30	100	PCD 235	255*220*345	1	3.00	4.80
FHDR-20AA-040	40	130		255*220*345	1	3.55	5.50
FHDR-20AA-050	50	165		255*220*345	1	4.20	6.00
FHDR-20AA-060	60	197		255*220*345	1	4.65	6.50
FHDR-20AA-070	70	230		255*220*345	1	5.20	7.00
FHDR-20AA-080	80	263	PCD 310	365*295*425	1	7.35	11.00
FHDR-20AA-090	90	295		365*295*425	1	7.90	11.60
FHDR-20AA-100	100	320		365*295*425	1	8.45	12.15
FHDR-20AA-150	150	495		365*295*425	1	11.20	15.00
FHDR-20AA-200	200	660		405*310*510	1	15.35	20.55
FHDR-20AA-250	250	830	PCD 380	405*310*510	1	18.10	23.30
FHDR-20AA-300	300	1000		405*310*510	1	20.85	26.05

- Length can be customized, up to 300 meters.

Packing Reference:



Gift Box



Master Carton