iFiber
HDMI 2.1 8K Active Optical Cable Type A to A

Model: AOC-HDMI-AA8K

4K/120Hz 4:4:4	8K/60Hz 4:4:4	HDMI 2.1	48Gbps
HDCP 2.3	HDR 10+	eARC	Dolby Vision
VR	3D	ATC Certified

ULTRA Certified Cable
HDMI™ ULTRA HIGH SPEED
BCDFG123456
www.HDMI.org
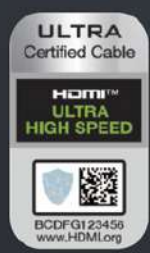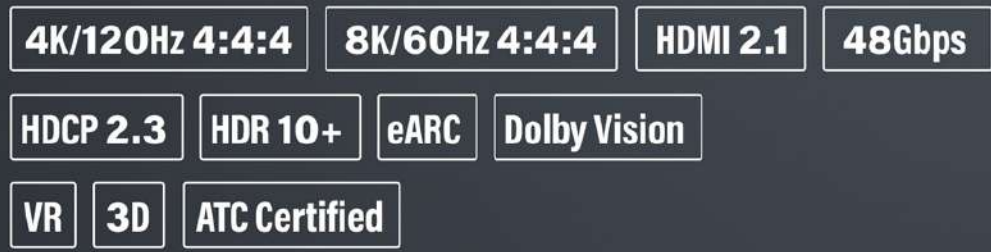
- HDMI2.1 specification with 48Gbps mass-capacity bandwidth.
- Up to 100m Maximum Length
- Up to 8K@60Hz or 4K@120Hz unparalleled visual, as well as VR and 3D display signal in a lossless way even a long distance
- With Dynamic HDR, contrast, depth, brightness and wider color gamut are shown at ideal values on a frame-by-frame basis
- With eARC, connectivity is enhanced and simplified for greater ease of use of multiple components discovery and audio optimization
- Support the high-bitrate audio formats up to192kHz, 24-bit, and uncompressed 5.1 and 7.1, Dolby specific lossless audio formats, and 32-channel uncompressed audio
- With VRR, gameplay will be more fluid and better detailed with nearly zero lag, judder and frame tearing
- Support EDID incl. self-detecting function, ALLM, QMS and QFT
- Plug and Play

Future Proof: 8K

Every year the amount of data we consume increases, as do bandwidth requirements. Investing in a modern fiber optic cabling infrastructure will allow your network to operate at future speeds without replacing the cabling.
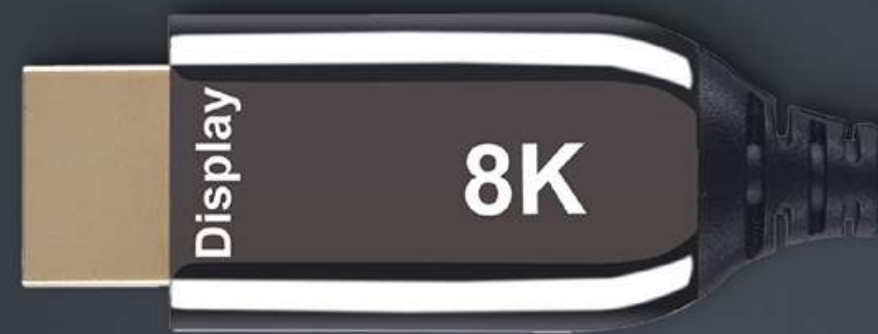
Datasheet

Name	HDMI 2.1 8K AOC
Connector A	HDMI Type A
Connector B	HDMI Type A
Cable	Hybrid type with OM3 fiber and copper wire
Length	Up to 100m (328ft)
Cable Diameter	4.5mm
Jacket	PVC, RoHS Directive-compliant
HDMI Standard	HDMI 2.1
Video Resolution	8K@60Hz, 4K@120Hz
Bandwidth	48Gbps
Color Depth	12 bit Max
Audio Compliance	Supports ARC, LPCM 7.1 audio, Dolby® Digital Plus, Dolby® TrueHD, and DTS-HD® Master Audio™
Power Consumption	250mW (max)
Operating Temperature	-40℃~70℃