

# HDMI 8K Plenum Rated (CMP) Hybrid AOC Active Optical Cable 2.1

## H2-HAOF8K-XX

25ft, 35ft, 50ft, 65ft, 100ft, and 150ft

### PLENUM-RATED (CMP) 8K/UHD HIGH SPEED HYBRID ACTIVE OPTICAL FIBER HDMI® CABLE 2.1

- HDMI 2.1; Support Dynamic HDR, EDID, HDCP, 3D, CED, eARC, VRR.
- Fiber optical wire replaced to revise the overall performance.
- Mixed copper wire and fiber core for hybrid performance, suitable for long-distance applications.
- Support multiple audio channels (DTS-HD Master Audio, Dolby TrueHD, Dolby Atmos).
- Plenum rated (CMP) for installation into Air Plenum spaces such as the space above a suspended ceiling or below a raised floor.
  - Cable thickness in OD 4.8mm.
- Resolution: up to 8K@ 60Hz; Chroma sub-sampling in 4:4:4, 8 bit.
  - Data transmission rate up to 48 Gbps.
- Gold-plated connector provides superior transmission, high reliability, and durability.
  - Reduce EMI/RFI interference.
- UL listed, All relevant materials complied with RoHS directive.
  - Packing with anti-static bag.
- All series are 100% Error Rate Testing (using an error rate tester) and 100% Real Device Testing (using a computer and a TV).

#### Notes:

1. This active HDMI cable is **NOT** bi-directional. The cable is labeled with **DISPLAY** and **SOURCE** on two sides. **SOURCE** port connector needs to connect devices like Blu-ray players, computers, game consoles, or other devices and **DISPLAY** to TV or monitor.
2. The package of 150 ft. unit comes with inner reel.
3. Hybrid cable with copper and fiberglass core. The cable is delicate and should not be excessively curved, as this may damage the fiber core and cause malfunctions.
4. Some end users' display hardware may have lower performance capabilities for 4K/8K or ≥120Hz video displays, which will cause lower efficiency in cable performance.

**Conductor:** (50/125um FIBER\*4C+MID)\*IC+7  
/0.08Tx3C+7/0.127T\*(2C+1C)+7/0.20Tx1C+F+D+AL.

**Cable OD:** 4.8mm.

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## 8K UHD HYBRID ACTIVE OPTICAL HDMI CABLE 2.1 CMP & CL3 OPTIONS

**MICRO CONNECTORS, INC. - 8K UHD**  
**Hybrid Active Optical Fiber HDMI Cable!**  
*The most advanced HDMI version 2.1 which supports the best 8K display technology along with its fiber optical wire core. Providing the faster transfer rate and higher supported technologies than standard 8K cable, this new HDMI cable can meet almost everything you need for daily, commercial, or broader uses of video & audio signal transmission!*

### Key Features & Specifications

- CMP & CL3 options for rated jacket materials
- Performance upgraded with fiber optical glass core
- Resolution and refresh rate of 8K@60Hz
- Transfer rate up to 48Gbps
- Support Dynamic HDR/ HDCP/EDID/CED/eARC...
- Chroma sub-sampling in 4:4:4
- Support multiple audio channels
- Reduce EMI/RFI interference
- Cable thickness of OD~4.8mm
- Gold-plated connectors
- Anti-static bag pack
- UL and cUL listed
- RoHS compliance
- 100% Tested

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