KONNEXLINQ

Website - www.konnexlinq.com

4K FIBER OPTIC HDMI 2.0 AOC (ACTIVE OPTICAL CABLE)

DESCRIPTION

The cable is equipped with **HDMI Type-A male connectors** on both ends and complies with the **HDMI 2.0 Ultra High Speed** specification. It supports a maximum resolution of **3840 × 2160 (4K UHD) at 60Hz** with a data transfer rate of **18 Gbps.** The hybrid **optical fiber and copper** construction enables long-distance signal transmission with virtually no signal degradation while providing excellent immunity to EMI/RFI. The cable operates in a **one-way directional** configuration, requiring the **Source** connector to be connected to the video output device and the **Display** connector to the receiving display. It supports **HDR, HDCP 2.2, EDID, DDC, CEC**, and high-definition audio formats including **PCM, Dolby TrueHD**, and **DTS-HD Master Audio.** The cable is powered directly through the HDMI interface, requiring **no external power supply.**



KEY FEATURES

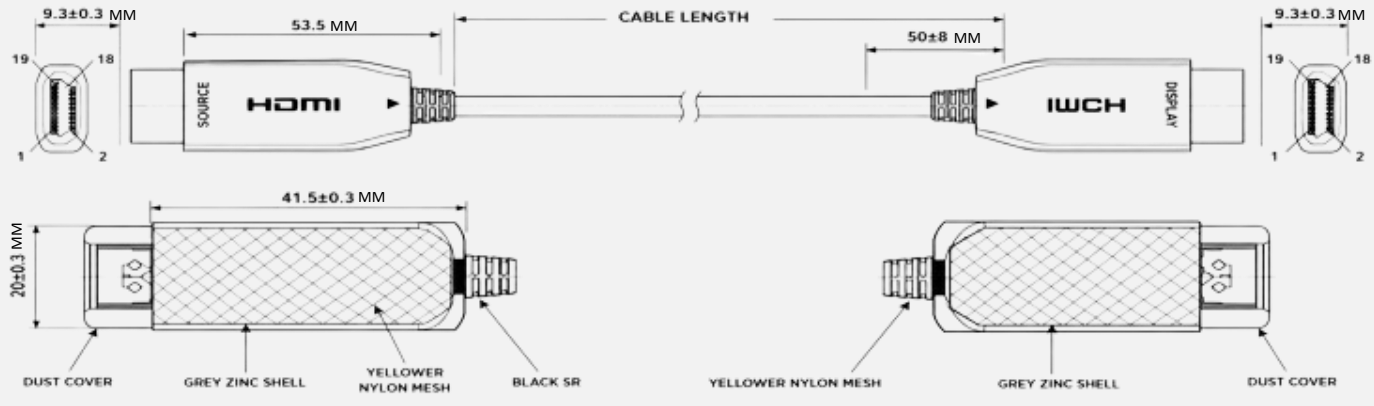
- Supports **HDMI 2.0** Ultra High Speed standard.
- Delivers **18 Gbps** bandwidth for high-speed data transmission.
- Supports resolutions up to **4K UHD (3840 × 2160) @ 60Hz (4:4:4).**
- **Active Optical Cable (AOC)** technology for long-distance transmission with minimal signal loss.
- **Directional design** with clearly marked Source and Display connectors.
- **Plug & Play** operation with no external power or drivers required.
- Supports **HDR (High Dynamic Range)** for enhanced picture quality.
- Supports **HDCP 2.2** for protected 4K content.
- Compatible with **EDID, DDC, and CEC** functions.
- Supports **PCM, Dolby TrueHD, DTS-HD Master Audio**, and other HD audio formats.
- Hybrid **Optical Fiber + Copper** construction for stable performance.
- Immune to **EMI/RFI (Electromagnetic & Radio Frequency Interference).**
- Gold-plated HDMI connectors for improved conductivity and corrosion resistance.
- Slim, lightweight, and flexible cable design for easy installation.
- Ideal for conference rooms, home theaters, digital signage, broadcasting, medical imaging, education, and professional AV installations.

CODE NO. -KLQ-4KAOC

LENGTH AVAILABLE-
10M, 15M, 20M, 30M, 50M, 100M







COMPLIANCE - CE FC RoHS