KONNEXLINQ

Website - www.konnexlinq.com

8K HDMI 2.1 AOC (ACTIVE OPTICAL CABLE)



CODE NO. -KLQ-8KA

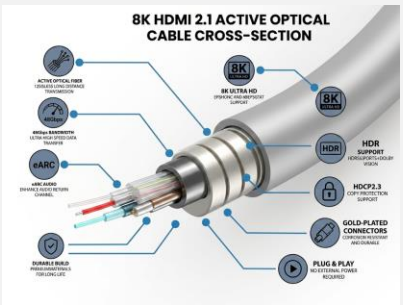
LENGTH AVAILABLE-
10M, 15M, 20M, 30M, 50M, 100M

Description

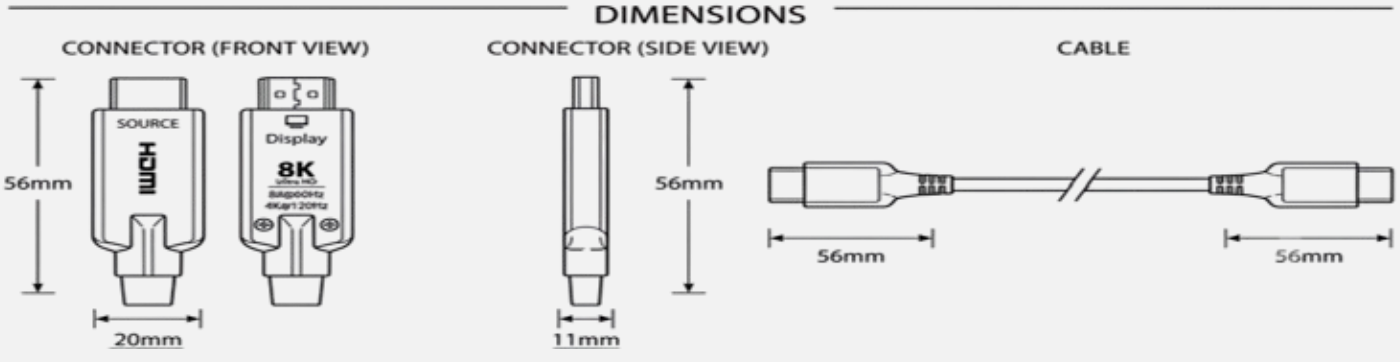
The **8K HDMI 2.1 Active Optical Cable (AOC)** is a premium high-performance connectivity solution designed for ultra-high-definition video and immersive audio transmission over long distances. Built with advanced **Active Optical Fiber (AOC)** technology, it delivers up to **48 Gbps** bandwidth while supporting **8K Ultra HD (7680 × 4320) at 60Hz and 4K at 120Hz** with exceptional clarity and zero signal degradation. The cable features a hybrid optical fiber construction that provides high-speed, lossless transmission with excellent immunity to electromagnetic interference (EMI/RFI). Its **Plug & Play** design requires no external power or software installation, making it ideal for home theaters, gaming systems, conference rooms, digital signage, broadcasting, education, and professional AV installations. The durable metal connectors with gold-plated contacts ensure reliable performance and long service life.

Key Features

8K Ultra HD Resolution: Supports up to **8K @ 60Hz** and **4K @ 120Hz** for outstanding picture quality.
48 Gbps Bandwidth: Ultra-high-speed data transfer for smooth, uncompressed audio and video transmission.
HDMI 2.1 Compliance: Fully supports the latest HDMI 2.1 specification for next-generation AV performance.
Active Optical Fiber Technology: Enables long-distance, lossless signal transmission with maximum stability.
eARC Support: Supports Enhanced Audio Return Channel for high-quality surround sound formats.
HDR Support: Compatible with HDR10 and Dolby Vision for enhanced contrast, brightness, and vibrant colors.
HDCP 2.3 Support: Ensures secure transmission of protected 4K and 8K digital content.
Gold-Plated Connectors: Corrosion-resistant connectors provide excellent conductivity and long-term durability.
Plug & Play: No external power supply or driver installation required.
Premium Shielded Construction: Durable cable design minimizes EMI/RFI interference for stable performance.
Wide Compatibility: Compatible with TVs, monitors, projectors, gaming consoles, PCs, laptops, Blu-ray players, AV receivers, and other HDMI-enabled devices.
Professional Applications: Perfect for home theaters, conference rooms, digital signage, broadcasting, education, medical imaging, and commercial AV installations







COMPLIANCE - CE FC RoHS