

30M HDMI Active Optical Cable - 8K

Product Specifications

Product Type: HDMI Active Optical Cable (AOC)
Cable Length: 30 meters (98 feet)
Technology: Fiber optic transmission with electrical-to-optical conversion
Connector Type: HDMI Type A male on both ends
HDMI Version: HDMI 2.1
Maximum Resolution: 8K at 60Hz (7680 x 4320) or 4K at 120Hz
Supported Resolutions: 8K, 4K, 1080p, 1080i, 720p, 576p, 480p
Color Depth: 24-bit, 30-bit, 36-bit, 48-bit deep color
HDCP Support: HDCP 2.3 and HDCP 2.2 compliant
Audio Support: Enhanced Audio Return Channel (eARC), DTS-HD, Dolby Atmos, TrueHD
Bandwidth: Up to 48 Gbps data transfer rate
3D Support: Full 3D video format support
HDR Support: HDR10, HDR10+, Dolby Vision, HLG compatible
Variable Refresh Rate: VRR support for gaming
Quick Frame Transport: QFT for reduced latency
Auto Low Latency Mode: ALLM support
Signal Type: Directional cable (source to display marked on connectors)
Cable Core: Advanced optical fiber for ultra-long-distance signal transmission
Signal Loss: Near-zero signal degradation over 30 meters
EMI/RFI: Immune to electromagnetic interference
Power: Powered by HDMI source device (no external power needed)
Power Consumption: Maximum 300mA from source
Cable Diameter: 5.5mm slim and flexible design
Cable Material: Premium PVC outer jacket with fiber optic core
Bend Radius: Minimum 10x cable diameter
Connector Housing: Reinforced metal connectors with strain relief
Temperature Resistance: Fire-resistant and heat-resistant materials
Color: Black
Operating Temperature: -20°C to 60°C (-4°F to 140°F)
Storage Temperature: -30°C to 70°C (-22°F to 158°F)
Humidity: 10% to 90% non-condensing
Weight: Ultra-lightweight compared to copper cables
Application: High-end home theater, gaming, broadcasting, conference rooms, professional AV
Advantages: 8K support, no signal loss, lightweight, flexible, immune to interference
Compliance: CE, FCC, RoHS certified

About IT&E Electric

IT&E Electric is a Ghana-based electrical company delivering safe, reliable, and professional electrical services for residential, commercial, and industrial needs.

Branches Spintex – Spintex Road (near Shell Station), Dzorwulu – Opposite Melcom Mall,
East Legon – Opposite UPSA, Kasoa – Kasoa

Phone: +233 50 185 0858 | +233 30 296 2353

Email: eastlegon@itandelectric.com

Website: www.itandelectric.com