

25M 4K HDMI Cable with Box

Product Specifications

Product Type: Active HDMI Cable with Signal Amplifier Box
Cable Length: 25 meters (82 feet)
Technology: Active signal amplification and equalization
Amplifier Box: External signal booster for long-distance transmission
Connector Type: HDMI Type A male on both ends
HDMI Version: HDMI 2.0
Maximum Resolution: 4K x 2K at 60Hz (3840 x 2160)
Supported Resolutions: 4K, 1080p, 1080i, 720p, 576p, 480p
Color Depth: 24-bit, 30-bit, 36-bit deep color
HDCP Support: HDCP 2.2 and HDCP 1.4 compliant
Audio Support: Multi-channel audio including DTS-HD Master Audio, Dolby TrueHD
Bandwidth: Up to 18 Gbps data transfer rate
3D Support: Full 3D video format support
HDR Support: HDR10 and Dolby Vision compatible
Signal Type: Directional cable with integrated signal processing
Box Power: DC 5V via USB or power adapter (included)
Power Consumption: Maximum 500mA
Cable Core: High-grade copper conductors (24 AWG)
Conductor Material: Oxygen-free copper (OFC) for superior signal quality
Shielding: Triple-layer shielding for EMI/RFI protection
Contact Plating: 24K gold-plated connectors
Cable Jacket: Premium PVC outer jacket
Box Features: Signal regeneration, auto-equalization, amplification
LED Indicators: Power and signal status LEDs on amplifier box
Installation: Plug-and-play, no software required
Color: Black
Operating Temperature: 0°C to 50°C (32°F to 122°F)
Storage Temperature: -20°C to 60°C (-4°F to 140°F)
Humidity: 10% to 90% non-condensing
Application: Conference rooms, auditoriums, exhibition halls, home theater systems
Advantages: Extended range, stable 4K transmission, reliable signal amplification
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.

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