

KVM/HDMI Extender over Fiber LC 20km

Product Specifications

Product Type: KVM/HDMI Fiber Optic Extender
Configuration: Transmitter and Receiver Set
Transmission Medium: Single-Mode Fiber Optic Cable
Maximum Distance: Up to 20 km (12.4 miles)
Fiber Connector: LC (Duplex)
HDMI Version: HDMI 1.4
Resolution Support: Up to 1080p @ 60Hz (1920x1080)
Color Depth: Supports up to 36-bit Deep Color
Audio Support: HDMI Embedded Audio, LPCM, Dolby Digital, DTS
HDCP Support: HDCP 1.4 Compliant
Video Ports: 1 x HDMI Input (TX), 1 x HDMI Output (RX)
USB Ports: 4 x USB 2.0 Type-A (for keyboard, mouse, and peripherals)
USB Extension: Transparent USB 2.0 signal extension
Fiber Ports: 2 x LC (TX and RX)
Wavelength: 1310nm / 1550nm
Optical Power: -3dBm to 0dBm (Transmitter), -20dBm (Receiver Sensitivity)
Fiber Type: Single-Mode 9/125µm
Latency: <100ms
Power Supply: DC 5V/2A (per unit, adapters included)
Power Consumption: 5W per unit (Maximum)
LED Indicators: Power, Signal Lock, Fiber Link
Housing Material: Metal Enclosure
Color: Black
Dimensions: 150mm x 90mm x 25mm per unit (L x W x H)
Weight: 300g per unit
Operating Temperature: 0°C to 50°C (32°F to 122°F)
Storage Temperature: -20°C to 70°C (-4°F to 158°F)
Humidity: 10% to 90% RH (Non-Condensing)
Application: Long-Distance KVM Extension, Data Centers, Control Rooms, Broadcast Studios, Industrial Sites
Compatibility: Computers, Servers, Workstations, Video Sources with HDMI output
Compliance: CE, FCC, RoHS Compliant

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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