



KRAMER

675R/T

4K60 4:4:4 HDMI Extender Kit over
Ultra-Reach MM/SM Fiber Optic

| HDMI | 4K/60 UHD (4:4:4)



675R/T is a high-performance HDMI fiber extender kit for ultra-reach extension of 4K@60Hz (4:4:4) HDMI signals. 675T converts the HDMI input signal to an optical signal that is transmitted over a fiber optic cable to 675R, which converts it back to an HDMI signal. 675R/T includes 2 multi-mode SFP+ transceivers, but can be used with any Kramer certified SFP+ transceiver, such as a single-mode SFP+ transceiver

FEATURES

High Performance Standard Fiber Extender Kit - Provides ultra-reach signals over either multi-mode or single-mode optical fiber infrastructures, using Kramer pluggable OSP SFP+ units. Near-zero latency video chroma sub-sampling conversion technology, is employed to auto-adapt above 10G HDMI signals to 10G optical link signal data-rate.

Note: To ensure specified performance, support, and warranty of this product, use only Kramer's certified hi-performance OSP SFP+ pluggable optical units

HDMI Signal Extension - HDCP 2.2 compliant and supports up to 18G (6G per channel) data rate, LPCM 7.1, Dolby True HD, and DTS-HD as specified in HDMI 2.0

I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation for HDMI source and display systems

Cost-Effective Maintenance - Status LED indicators for power, source, sink, and fiber link connections detection facilitate easy local troubleshooting

Easy Installation - DigiTOOLS® rack mountable fan-less enclosure enables side-by-side mounting of 3 units in a 1U rack space with the recommended rack adapter



TECHNICAL SPECIFICATIONS

| | |
|--|---|
| Inputs | Fiber Optic: On LC connector(s) HDMI On a female HDMI connector |
| Outputs | HDMI: On a female HDMI connector Fiber Optic: On LC connector(s) |
| Ports | USB: On a female micro USB connector |
| Video | Max Bandwidth: 18Gbps Max Resolution: 4096x2160@60Hz 4K@60 (4:4:4) Compliance: HDMI 2.0 and HDCP 2.2 |
| Extension Line | Optical Fiber: Multi-mode (MM) or single-mode (SM) Optical Module: Kramer 10Gbps SFP+ IEEE 802.3ae compliant modules (MM is included) |
| Multi-mode Line | Compliance: G.651.1 OFNR fiber Max Reach over OM3 MM Fiber: 3km (1.8 miles) |
| Single-mode Line | Compliance: G.652D OFNR fiber Max Reach over OS1 SM Fiber: 33km (20.5 miles) |
| User Interface | Indicators Source detection, sink detection, optical link and power LEDs |
| Power | 675T Consumption 280mA 675R Consumption 220mA Source: 12V DC, 2A |
| Environmental Conditions | Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RHL non-condensing |
| Regulatory Compliance (Standards Compliance) | Safety: CE, UL Environmental: RoHs, WEEE |
| Enclosure | Size: Tool Type: Aluminum Cooling: Convection ventilation |
| Accessories | Included: 2 MM SFP+ transceiver, 2 power adapters, 2 mounting bracket sets |
| Product Dimensions | 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H |
| Product Weight | 0.0kg (0.0lbs) approx |
| Shipping Dimensions | 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H |
| Shipping Weight | 0.0kg (0.0lbs) approx |

