



# 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



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## TECHNICAL SPECIFICATIONS

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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) Latency: ≤10µsec – virtually none 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	0.5kg (1.0lbs) approx

Shipping Dimensions 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H

Shipping Weight 0.7kg (1.6lbs) approx

