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675T

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

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



675T is a high-performance HDMI fiber transmitter for ultra-reach extension of 4K60Hz (4:4:4) HDMI signals over multi-mode or single-mode fiber optic. 675T converts the HDMI input signal to an optical signal that is transmitted over a fiber optic cable to a compatible receiver that converts it back to an HDMI signal

FEATURES

High Performance Standard Fiber Extender - HDMI fiber transmitter for providing 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

Inputs	HDMI: On a female HDMI connector
Outputs	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 (not 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 Controls: Reset button
Power	Consumption: 12V DC, 280mA 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: power adapter, power cord, mounting bracket set



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CONFIGURATIONS

675T	HDMI Transmitter
675T/R-MM1 Kit	675T + 675R + 2 x OSP-MM1 Kit
675T/R-SM10 Kit	675T + 675R + 2 x OSP-SM10 Kit

