



KRAMER

617R/T

4K HDR HDMI Transmitter/Receiver over
Extended-Reach MM Fiber Optic



617R/T is a compact fiber optic transmitter and receiver capable of extending HDMI 2.0 signals over fiber optic cable. This set of extenders supports 4K@60 (4:4:4) resolution up to 328 feet (100 meters) on a dual LC multi-mode fiber cable

FEATURES

Max. Resolution - 4K@60(4:4:4)

Max. Data Rate - 18Gbps

HDMI Support - HDCP 2.2, EDID and CEC

High Quality Connectors - 24K gold-plated and corrosion-resistant for the best possible connectivity

K-Lock Pull-Resistant Connectors - Provides 15lbs of restraining force for a non-slip connection

Max. Extension - 328ft (100m) over dual LC multi-mode OM3 fiber optic cable

Compact Design - For easy plug and play installation

Pure fiber connectivity for secure applications



TECHNICAL SPECIFICATIONS

Max. Resolution:	4K @60Hz 4:4:4 (4096x2160)
Data Rate:	Maximum 6 Gbps per channel
Compliance:	Supports HDMI 2.0, HDCP 2.2, EDID and CEC
617T (source end):	Male HDMI connector
617R (display end):	Male HDMI connector
617T (source end):	Micro USB (for power supply)
617R (display end):	Micro USB (for power supply)
5V:	Via USB source, Via external source, or HDMI PIN #18 (617T only)
Consumption:	<2.5W
Structure:	Dual Multi-mode OM3 (50/125um) glass fiber
Optical Connectors:	Duplex LC connectors
Max. Fiber Cable Attenuation ($\lambda=850\text{nm}$):	2.5dB/KM
Max. Skew:	0.4ns
Max. Insertion Attenuation:	0.5dB
Total Optical Attenuation:	1dB max @ 328ft/100m extension
Maximum Length:	100m (330ft)
Operating Temperature:	0° to +50°C (32° to 122°F)
Storage Temperature:	-30° to +70°C (-22° to 158°F)
Operating Humidity:	0 to 85%
CE:	EN 55032:2012/AC: 2013 (Class A), EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010
FCC:	CFR 47 part 15 SUBPART B Class B, Section 15.101
Environmental:	RoHS (2011/65/ EU)
Included:	2 Micro USB to USB type-A cables, 2 Wall-mount power adaptors