



## 617R/T

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

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



617R/T is a compact fiber optic transmitter and receiver capable of extending HDMI signals over fiber optic cable. This set of extenders supports 4K@60 (4:4:4) resolution up to 656 feet (200 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. 18Gbps, 3D content transmission, and HDR10 as specified in HDMI 2.0

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 - 656ft (200m) 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

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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                    | Max. Resolution: 4K @60Hz 4:4:4 (4096x2160)<br><br>Data Rate: Maximum 6 Gbps per channel<br><br>Compliance: Supports HDMI 2.0, HDCP 2.2, EDID and CEC                                                                                                                                                                                                  |
| Ports                    | 617T (source end): Male HDMI connector<br><br>617R (display end): Male HDMI connector<br><br>617T (source end): Micro USB (for power supply)<br><br>617R (display end): Micro USB (for power supply)                                                                                                                                                   |
| Power                    | 5V: Via USB source, Via external source, or HDMI PIN #18 (617T only)<br><br>Consumption: <2.5W                                                                                                                                                                                                                                                         |
| Recommended Cable        | Structure: Dual Multi-mode OM3 (50/125um) glass fiber<br><br>Optical Connectors: Duplex LC connectors<br><br>Max. Fiber Cable Attenuation ( $\lambda=850\text{nm}$ ): 2.5dB/KM<br><br>Max. Skew: 0.4ns<br><br>Max. Insertion Attenuation: 0.5dB<br><br>Total Optical Attenuation: 1dB max @ 656ft (200m) extension<br><br>Maximum Length: 656ft (200m) |
| Environmental Conditions | Operating Temperature: 0° to +50°C (32° to 122°F)<br><br>Storage Temperature: -30° to +70°C (-22° to 158°F)<br><br>Operating Humidity: 0 to 85%                                                                                                                                                                                                        |
| STANDARDS COMPLIANCE     | CE: EN 55032:2012/AC: 2013 (Class A), EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010<br><br>FCC: CFR 47 part 15 SUBPART B Class B, Section 15.101<br><br>Environmental: RoHS (2011/65/ EU)                                                                                                                                                        |
| Accessories              | Included: 2 Micro USB to USB type-A cables, 2 Wall-mount power adaptors                                                                                                                                                                                                                                                                                |

