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

## Video
- **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

## Ports
- 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)

## Power
- **5V:** Via USB source, Via external source, or HDMI PIN #18 (617T only)
- **Consumption:** <2.5W

## Recommended Cable
- **Structure:** Dual Multi-mode OM3 (50/125um) glass fiber
- **Optical Connectors:** Duplex LC connectors
- **Max. Fiber Cable Attenuation (λ=850nm):** 2.5dB/KM
- **Max. Skew:** 0.4ns
- **Max. Insertion Attenuation:** 0.5dB
- **Total Optical Attenuation:** 1dB max @ 656ft (200m) extension
- **Maximum Length:** 656ft (200m)

## Environmental Conditions
- **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%

## STANDARDS COMPLIANCE
- **FCC:** CFR 47 part 15 SUBPART B Class B, Section 15.101
- **Environmental:** RoHS (2011/65/ EU)

## Accessories
- Included: 2 Micro USB to USB type-A cables, 2 Wall-mount power adaptors