



616R/T

4K60 4:2:0 Dual-link DVI Rx/Tx Extender over Ultra-Reach MM Fiber



The 616T and 616R are detachable 4K60 4:2:0 dual-link DVI over MM fiber ultra-reach transmitter and receiver pair. They transmit uncompressed resolutions of up to WQXGA (2560x1600 @60Hz) or WQUXGA (3840x2400 @33Hz vertical refresh rate) (4K) over dual-link DVI to a range of up to 500 meters (1640 feet). They use duplex multimode fiber optic cable with two LC connectors. The 616T converts dual-link DVI signals to optical signals that it transmits to the 616R. The 616R decodes the optical signals back to a dual-link DVI signal.

FEATURES

- Max. Data Rate - 13.5Gbps (2.25Gbps per graphic channel).
- Max. Resolution - HDTV: 480p, 720p, 1080p; Vesa: VGA to WQUXGA @33Hz (XGA not supported).
- 4K Compatible.
- Not HDCP Compliant.
- Standards Compliance - Supports DVI1.0, fully implemented by fiber-optic communication and DDC2B by virtual DDC; Class A digital device, pursuant to part 15 and 2 of FCC and CE.
- Laser Standards Compliance - IEC 60825-1, FDA 21CFR1040; Laser Class 1: Safety of laser products.
- System Range - Up to 500m (1640ft) (multimode).
- EMI/RFI Free.
- EDID Capture - Copies and stores the EDID from a display device (616T).
- Cable - Duplex multimode fiber optic cable with two LC connectors.
- Power - External power adapters (supplied) or 5V DC from source (auto detect).