616T and 616R are detachable dual-link DVI over MM fiber ultra-reach transmitter and receiver pair. They transmit uncompressed resolutions of up to 1080p@60 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. 616T converts dual-link DVI signals to optical signals that it transmits to 616R. 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)
- **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)
TECHNICAL SPECIFICATIONS

INPUTS: 1 DVI (616T), 1 duplex multimode fiber optic with 2 LC connectors (616R)

OUTPUTS: 1 duplex multimode fiber optic with 2 LC connectors (616T), DVI OUT (616R)

MAX RESOLUTION: 13.5Gbps (2.25Gbps bandwidth per graphic channel), WQUXGA @33Hz (XGA is not supported)

MAX. RANGE: 500m (1640ft) for WQUXGA (3840x2400) at 33Hz refresh rate

POWER CONSUMPTION: 5V DC, 430mA max. (616T); 350mA max. (616R)

OPERATING TEMPERATURE: 0° to +40°C (32° to 104°F)

STORAGE TEMPERATURE: −40° to +70°C (~−40° to 158°F)

HUMIDITY: 10% to 85%, RHL non-condensing

INCLUDED ACCESSORIES: Two 5V DC/1A power supplies