



622R

Dual Link DVI (HDCP) Optical Receiver



The 622T and **622R** are an optical transmitter and receiver pair for dual link DVI signals with resolutions up to 2560x1600 at 60Hz. The 622T converts a DVI signal into an optical signal and the **622R** converts the optical signal back to DVI.

FEATURES

- **Input** - 8 simplex (or 4 duplex) LC optical connectors, 2 red, 2 green, 2 blue, & 2 clock; 1 CAT 5 (RJ-45) for DDC and HDCP bidirectional data.
- **Output** - DVI-D signal (on a DVI-I connector).
- **Max. Data Rate** - 9.9Gbps Dual Link (1.65Gbps per graphic channel).
- **HDCP Compliant.**
- **HDTV Compatible.**
- **System Range** - Up to 100m (320ft).
- **Power Connect™ System** - Only one unit in a system, the transmitter or receiver, needs to be connected to a power source.
- **Cable** - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5 and fiber optic with 8 simplex (or 4 duplex) LC fiber connectors.
- **Dual & Single Link LED Indicators.**
- **Desktop Size** - Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-622 adapter.



622R

TECHNICAL SPECIFICATIONS

INPUT:	8 simplex (or 4 duplex) LC optical connectors, 2 red, 2 green, 2 blue, & 2 clock; 1 CAT 5 (RJ-45) for DDC and HDCP bidirectional data.
OUTPUT:	DVI-D on a DVI-I connector.
MAX. DATA RATE:	9.9Gbps Dual Link (1.65Gbps per graphic channel).
POWER CONSUMPTION:	12V DC, 200mA.
DIMENSIONS:	21.4cm x 10.35cm x 4.36cm (8.4" x 4.07" x 1.71") W, D, H.
WEIGHT:	0.7kg (1.55lbs) approx.
INCLUDED ACCESSORIES:	Power supply, bracket installation kit, 1 DVI/DVI male-to-male cable.
OPTIONS:	RK-622 19" rack adapter.

