



# KRAMER

## 613R/T

3G SDI Rx/Tx Extender over Ultra-Reach  
SM Fiber

| 3G HD-SDI - BNC | Fiber Optic



Kramer's 613R/T is a receiver/transmitter pair for digital video signals up to 3G HD-SDI. The 613T converts the digital signal into an optical signal that it transmits over single-mode fiber optic cable and the 613R decodes the optical signals back to the original digital format video signal

## FEATURES

**Maximum Data Rate** - 3Gbps

**HDTV Compatible**

**Multi-Standard Operation** - SDI (SMPTE 259M and SMPTE 344M), HD-SDI (SMPTE 292M), 3G HD-SDI (SMPTE 424M) & DVB-ASI

**Laser Standards Compliance** - IEC 60825-1, FDA 21CFR1040; Laser Class 1: Safety of laser products

**Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances

**System Range** - Up to 30km (18.6mi) at 3G-HD-SDI (1080p)

**Fiber Cable** - Single-mode fiber optic with ST connectors

**Compact Size** - Part of the Kramer TOOLS™ family of compact, high-quality and cost-effective solutions



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## TECHNICAL SPECIFICATIONS

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INPUTS:	1 SD/HD/3G HD-SDI, 75Ω on a BNC connector (613T); 1 ST optical connector (613R)
OUTPUTS:	1 ST optical connector (613T); 1 SD/HD/3G HD-SDI, 75Ω on a BNC connector (613R)
MAX. DATA RATE:	Up to 3Gbps
MAXIMUM RANGE:	30km (18.6 Miles) @1080p, 3G-SDI format
FORMAT:	SMPTE 424M (3G HD-SDI); SMPTE 292M (HD-SDI); SMPTE 259M (SDI, DVB-ASI)
RESOLUTION:	Up to WUXGA @60Hz (1.65Gbps)
POWER CONSUMPTION:	5V DC, 1.5A
OPERATING TEMPERATURE:	-20° to +70°C (-4° to 158°F)
STORAGE TEMPERATURE:	-30° to 85°C (-22° to 185°F) ambient
HUMIDITY:	5% to 95% RH
INCLUDED ACCESSORIES:	2 power supplies

