



# kramer

## 690T

2x3G SDI Transmitter over Ultra-Reach SM  
Fiber

| 3G HD-SDI - BNC



The 690T is a high-performance fiber optic transmitter for SDI video signals up to 3G HD-SDI. The 690T converts two 3G HD-SDI signals to single-mode fiber optic and the 690R receiver converts them back to the two original SDI formats. The unit is compatible with the fiber optic matrix VS-88FO

## FEATURES

**Max. Data Rate** - 3Gbps

**Inputs** - 2 SDI on BNC connectors

**Outputs** - 2 single-mode fiber optic on LC connectors

**HDTV Compatible**

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

**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 on the coax cable, 200m (HD-SDI) & 100m (3G HD-SDI)

**System Range** - Up to 10km (6.2mi)



## TECHNICAL SPECIFICATIONS

INPUTS:	2 SD/HD/3G HD-SDI on BNC connectors
OUTPUTS:	Dual single-mode fiber (9/125) over LC connectors
BANDWIDTH:	Supports up to 3Gbps bandwidth for each input
FIBER OPTIC EXTENSION:	Up to 10km (>6.2 miles) for 3G-SDI
INPUT CABLE EQUALIZATION:	200m for SDI, 100m for 3G-SDI
POWER CONSUMPTION:	5V DC, 480mA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
INCLUDED ACCESSORIES:	Power supply
Product Dimensions	6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96" ) W, D, H
Product Weight	0.1kg (0.2lbs) approx
Shipping Dimensions	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H
Shipping Weight	0.5kg (1.1lbs) approx

