



# KRAMER

## 670T

4K UHD HDMI over Fiber Optic Transmitter

| HDMI | HDCP Compliant | 4K/60 UHD (4:2:0)



The 670T is a highperformance fiber optic transmitter for 4K UHD HDMI signals. The unit converts an HDMI signal to light pulses that it transmits over one single fiber optic cable to the 670R receiver that converts them back to a 4K UHD HDMI signal

### FEATURES

**Max. Resolution** - Up to 4K@60Hz (4:2:0) UHD when connected to 670RN and WUXGA

**Max. Data Rate** - Up to 3.5Gbps

**HDTV Compatible**

**HDCP Compliant**

**EDID PassThru** - Passes EDID signals between the source and display

**HDMI Support** - Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS HD, CEC

**3D Pass-Through**

**Signal Transmission** - Transmits four TMDS video channels as well as one lowspeed channel for passing HDCP, EDID and a Hot Plug Detect (HPD) signal over one multimode fiber

**Laser Standards Compliance** - IEC 608251, FDA 21CFR1040; Laser Class 1: Safety of laser products

**System Range** - 1700m (5570ft)

**Cable** - Multimode fiber optic OM3 cable with SC connectors

**Compact DigiTOOLS®** - 3 units can be rack mounted sidebyside in a 1U rack space with the optional RK3T rack adapter



# KRAMER

## TECHNICAL SPECIFICATIONS

INPUTS:	HDMI connector
OUTPUTS:	1 optical connector
BANDWIDTH:	Supports up to 3.5Gbps bandwidth per graphic channel for resolution 4K@60 UHD (4:2:0), 4Kx2K
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI using fiber optic communication links and DDC2B
EXTENSION LIMIT:	1700m (>5570 feet) for 1080p/60Hz
INSERTION LOSS FROM TRANSMITTER TO RECEIVER:	Must not exceed 10dB
FIBER-OPTIC CONNECTION:	SC connectors for multimode (OM3) fiber cable (not supplied with the unit)
INDICATOR LEDs:	Video, source, acceptor fiber and on LEDs
POWER CONSUMPTION:	5V DC, 250mA
PRODUCT DIMENSION:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H
PRODUCT WEIGHT:	0.2kg (0.4lbs) approx
SHIPPING DIMENSION:	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H
SHIPPING WEIGHT:	0.5kg (1.1lbs) approx
INCLUDED ACCESSORIES:	Power supply, bracket installation kit
OPTIONS:	HDMI/HDMI male to male cable

