



670T

HDMI over Fiber Optic Transmitter



The **670T** is a high-performance fiber optic transmitter for 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 an HDMI signal.

FEATURES

- **Max. Data Rate** - Up to 3.5Gbps.
- **Supports 4k x 2k Resolution**. - When used with the 670RN (Coming Soon).
- **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 low-speed channel for passing HDCP, EDID and a Hot Plug Detect (HPD) signal over one multimode fiber.
- **Laser Standards Compliance** - IEC 60825-1, 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 side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	HDMI connector.
OUTPUTS:	1 optical connector.
BANDWIDTH:	Supports up to 3.5Gbps bandwidth per graphic channel.
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.
DIMENSIONS:	12cm x 7.95cm x 2.76cm (4.7" x 3.1" x 1.08") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx. each.
INCLUDED ACCESSORIES:	Power supply, bracket installation kit.
OPTIONS:	HDMI/HDMI male to male cable.

