



670R

HDMI over Fiber Optic Receiver



The **670R** is a high-performance fiber optic receiver for HDMI signals. The unit receives an optical signal from the 670T and converts the light pulses back to an HDMI signal.

FEATURES

- **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 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.



670R

TECHNICAL SPECIFICATIONS

INPUTS:	1 optical SC connector.
OUTPUTS:	HDMI 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, 400mA.
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:	2 power supplies (5V/2A), 2 bracket installation kits .
OPTIONS:	HDMI/HDMI male to male cable.

