KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

670RN

HDMI over Fiber Optic Receiver

The 670RN is a high−performance fiber optic receiver for HDMI signals. The unit receives an optical signal from the 670TN and converts the light pulses back to an HDMI signal.

FEATURES

- Max. Data Rate - Up to 10.2Gbps.
- Supports 4K x 2K Resolution.
- 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.
- System Range - 1700m (5570ft) for 1080p, 600m (1970ft) for 4K.
- 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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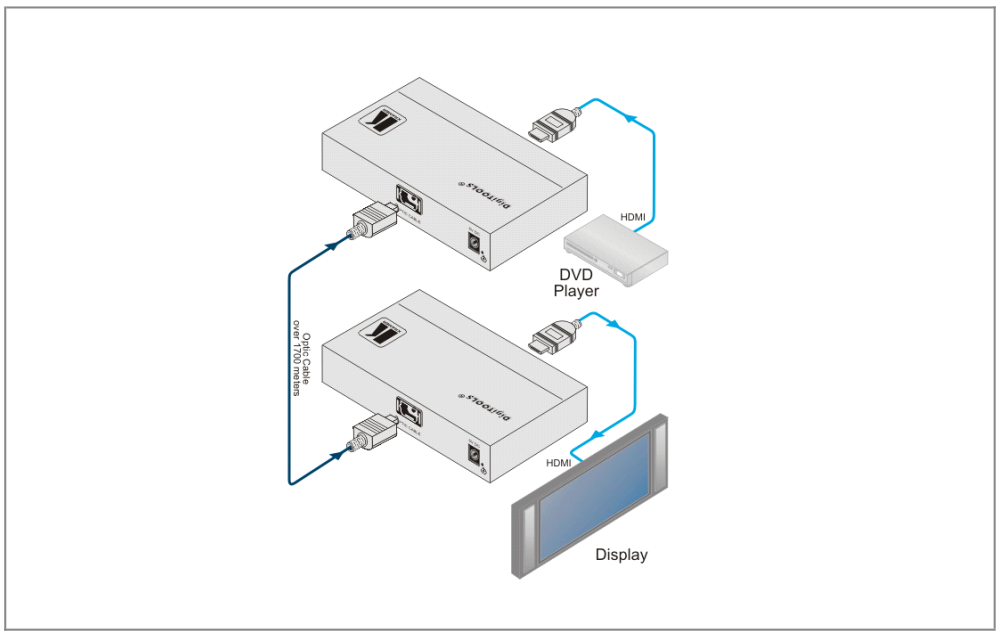
TECHNICAL SPECIFICATIONS

INPUTS:	1 SC optical connector.
OUTPUTS:	HDMI connector.
BANDWIDTH:	Supports up to 10.2Gbps 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:	Power supply, bracket installation kit.
OPTIONS:	RK−3T 19" rack adapter.