



670RN

4K60 4:2:0 HDMI HDCP 2.2 Receiver over Ultra-Reach MM Fiber Optic



The **670RN** is a high-performance 4K60Hz (4:2:0) HDMI over ultra-reach MM fiber optic receiver. The 670T converts an HDMI signal to an optical signal that is transmitted over one single fiber optic cable to the **670RN** receiver that converts it back to an HDMI signal.

FEATURES

- **Max. Data Rate** - 10.2Gbps (3.4Gbps per graphic channel) suitable for resolutions up to 4K at 30Hz, and for all HD resolutions. (When connected to the F670 input and/or output cards, 4K is not supported due to limitations of the VS-1616D and VS-3232DN.)
- **Supports 4K x 2K Resolution** - 670T when used with 670RN.
- **HDTV Compatible.**
- **HDCP Compliant.**
- **EDID Pass-Through** - 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) at 1080p @60Hz 12-bit over an optical cable, 400m (1300ft) at 4K resolution.
- **Cable** - Multimode fiber optic OM3 cable with SC connectors.

TECHNICAL SPECIFICATIONS

INPUTS:	1 SC optical connector.
OUTPUTS:	HDMI connector.
MAX. DATA RATE:	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.
INCLUDED ACCESSORIES:	Power supply, bracket installation kit.
OPTIONS:	RK-3T 19" rack adapter.
PRODUCT DIMENSIONS:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx.
SHIPPING DIMENSIONS:	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.

