



673R/T

4-Channel 3G HD-SDI over Single Fiber Optic Transmitter & Receiver



The 673T and 673R are a high-performance fiber optic transmitter and receiver for video signals up to 3G HD-SDI and dual link HD-SDI signals. The 673T converts up to four channels of SDI signals on BNC connectors to an optical signal that is transmitted over a single fiber optic cable. The 673R converts the optical signal back to SDI signals.

FEATURES

- **Max. Data Rate** - Up to 3Gbps for each SDI input.
- **HDTV Compatible.**
- **System Range** - 1000m (more than 3200ft).
- **Fiber Cable** - A single multi-mode OM3 fiber optic cable with SC connectors.
- **Multi-Standard Operation** - SDI (SMPTE 259M), HD-SDI (SMPTE 292M) and 3G HD-SDI (SMPTE 424M) and dual-link HD-SDI (SMPTE 372M).
- **Reclocking and Equalization per Channel.**
- **Fiber Optic, Source & Input Indication LEDs.**
- **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:	4 SD/HD/3G HD-SDI and dual-link, 75Ω on BNC connectors (673T); 1 multi-mode OM3 fiber on SC connectors (673R).
OUTPUTS:	1 multi-mode OM3 fiber on SC connectors (673T); 4 SD/HD/3G HD-SDI and dual-link, 75Ω on BNC connectors (673R).
BANDWIDTH:	Up to 3Gbps for each SDI input.
FIBER OPTIC EXTENSION:	Up to 1000m (>3200ft) for 3G HD-SDI.
INSERTION LOSS FROM TRANSMITTER TO RECEIVER:	Must not exceed 10dB.
INPUT CABLE EQUALIZATION (673T):	140m for HD-SDI, 120m for 3G HD-SDI.
FIBER-OPTIC CONNECTION:	SC connectors for multimode (OM3) fiber cable.
INDICATOR LEDs:	VIDEO, SOURCE, FIBER and ON LEDs.
POWER CONSUMPTION:	5V DC, 520mA (673T); 5V DC, 780mA (673R).
DIMENSIONS:	12cm x 8.0cm x 2.8cm (4.7" x 3.1" x 1.1") W, D, H.
WEIGHT:	0.3kg (0.7lbs) approx. each.
INCLUDED ACCESSORIES:	Power supply, bracket installation kit.
OPTIONS:	RK-3T 19" rack adapter.

