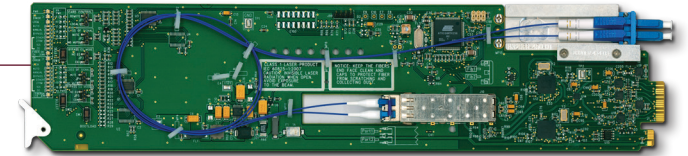


FDT-6604 3G HD SD

Dual Electrical to Optical Converter

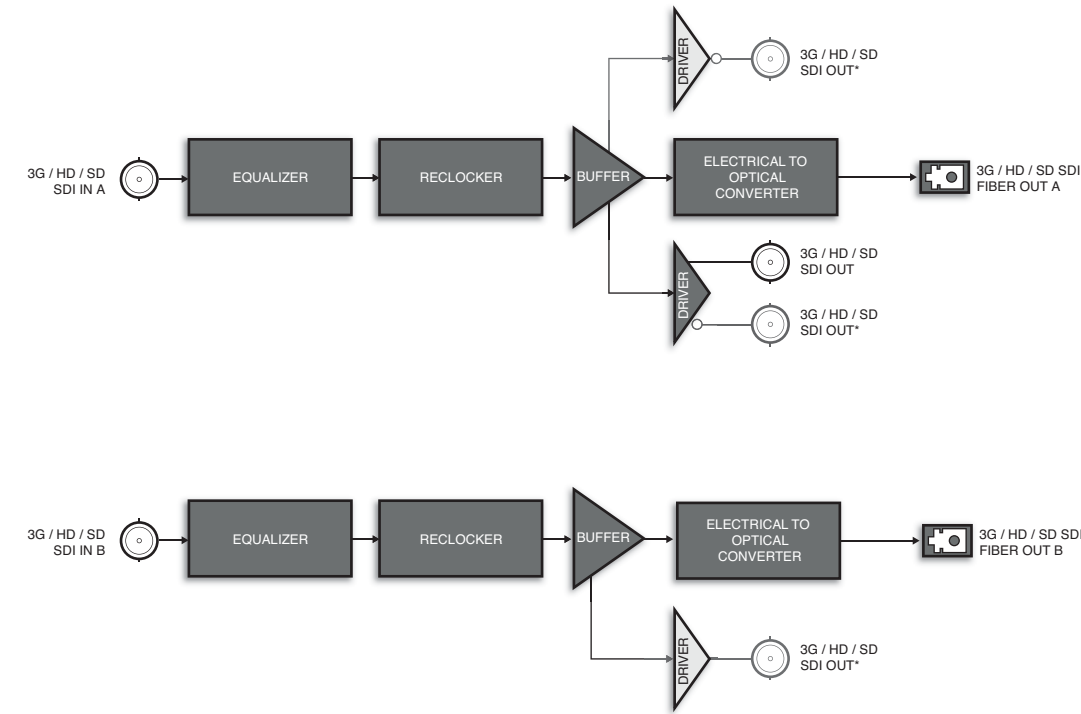
Dual channel electrical to optical converter supporting data rates from 143Mb/s to 3Gb/s (1080p).



The FDT-6604 is a serial digital SDI to fiber optic transmitter converter that supports serial digital data rates from 143Mb/s up to 2.97Gb/s (1080p). SDI outputs are reclocked copies of the input providing excellent jitter and return loss specifications.

The FDT-6604 is fully hot-swappable with all active components on the front removable card. No active components are installed on the rear I/O connection module. This design greatly reduces down-time eliminating any need to access the back of the rack frame.

The -R2S high density split rear module can accommodate up to 2 FDT-6604 cards, maximizing the number of conversion channels in a frame. In this configuration, the OG3-FR supports up to 40 independent channel solutions, providing ultra-high density conversion in a 2RU space.



* Reclocked output for channel B is not available when using the -R2S rear module.

Key Features

- Electrical to Optical for all SMPTE 424M, SMPTE 259M-C, SMPTE 292M standards
- Supports single-mode fiber
- Hot-swappable from front of frame with no external connect / reconnect required
- Optical output power: -7dBm / 0dBm (CWDM)
- Optical wavelength: 1310nm or CWDM
- Optical output connection: LC / UPC
- Reclocked SDI outputs
- Reclocking on all outputs at 270Mb/s, 1.483Gb/s, 1.485Gb/s, 2.967Gb/s, 2.970Gb/s
- Alarming for signal presence and optical faults
- 5-year transferable warranty
- Power: 4.5 watts

Ordering Information

Dual Electrical to Optical Converter

FDT-6604 Dual Optical Transmitter, 1310nm
FDT-6604-XX Dual Optical Transmitter, CWDM

Rear Module Suffix (ex: [model]-R2)

-R2 Rear Module for FDT-6604
-R2S Split Rear Module for 2 FDT-6604

