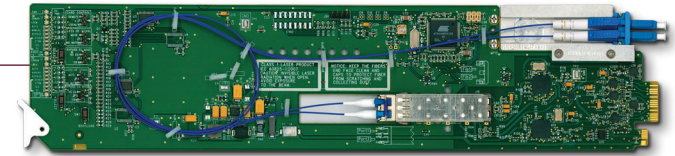


FST-6602 3G HD SD

Single Electrical to Optical Converter

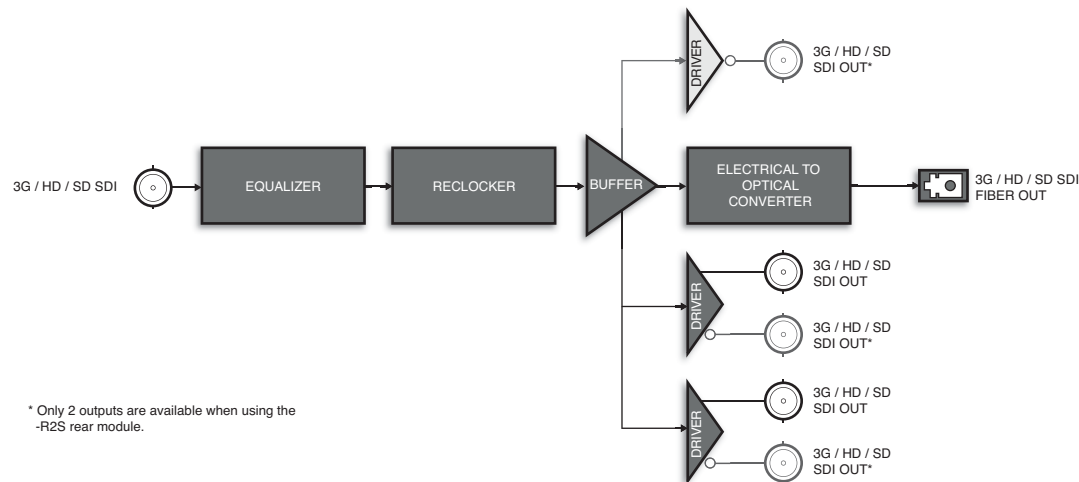
Single channel electrical to optical converter supporting data rates from 143Mb/s to 3Gb/s (1080p).



The FST-6602 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 FST-6602 is fully hot-swappable with all active components on the front removable module. 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 2x FST-6602 cards, maximizing the number of conversion channels in a frame. In this configuration, the OG3-FR supports up to 20 independent channel solutions.



* Only 2 outputs are available when using the -R2S rear module.

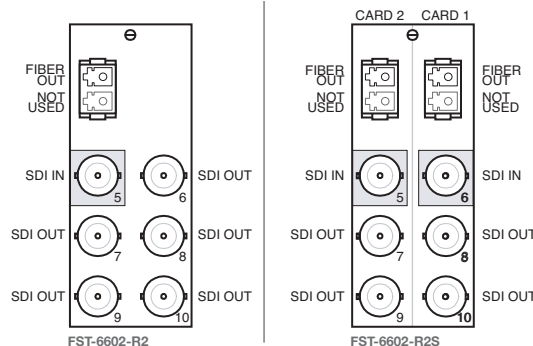
Ordering Information

Single Electrical to Optical Converter

FST-6602	Single Optical Transmitter, 1310nm
FST-6602-XX	Single Optical Transmitter, CWDM

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

-R2	Rear Module for FST-6602
-R2S	Split Rear Module for 2x FST-6602



Key Features

- Electrical to Optical for all SMPTE 424M, SMPTE 259M-C, SMPTE 292M standards
- Future-proofed 3Gb/s (1080p) design
- 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
- 5 reclocked copies of SDI input with the -R2, 2 reclocked copies of SDI input with the -R2S
- 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