FSR-6601 3G HD SD

Single Optical to Electrical Converter
Single channel SDI optical to electrical converter supporting data rates from 143Mb/s to 2.97Gb/s.

The FSR-6601 is a fiber optic receiver to serial digital SDI converter that supports serial digital data rates from 143Mb/s up to 2.97Gb/s (1080p). SDI outputs are reclocked providing excellent jitter and return loss specifications.

The FSR-6601 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 FSR-6601 cards, maximizing the number of conversion channels in a frame. In this configuration, the OG3-FR supports up to 20 independent channel solutions.

Key Features
- Optical to Electrical for all SMPTE 424M, SMPTE 259M-C, and SMPTE 292M standards
- Comes with a patented Ross Lock fiber locking mechanism for guaranteed connection in adverse circumstances
- Supports single-mode fiber
- Hot-swappable from front of frame with no external connect / reconnect required
- Optical input range 1270nm to 1610nm
- Optical input sensitivity -18dBm
- Optical input connection: LC / UPC
- 6 SDI reclocked outputs, 3 reclocked outputs using the -R2S
- Reclocking on all outputs at 270Mb/s, 1.483Gb/s, 1.485Gb/s, 2.967Gb/s, 2.970Gb/s
- 5-year transferable warranty
- Power: 4.5 watts

Ordering Information

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<thead>
<tr>
<th>Single Optical to Electrical Converter</th>
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<tbody>
<tr>
<td>FSR-6601</td>
<td>Single Optical Receiver</td>
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<tr>
<th>Rear Module Suffix (ex: [model]-R2)</th>
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<tbody>
<tr>
<td>-R2</td>
<td>Rear Module for FSR-6601</td>
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<tr>
<td>-R2S</td>
<td>Split Rear Module for 2 FSR-6601</td>
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