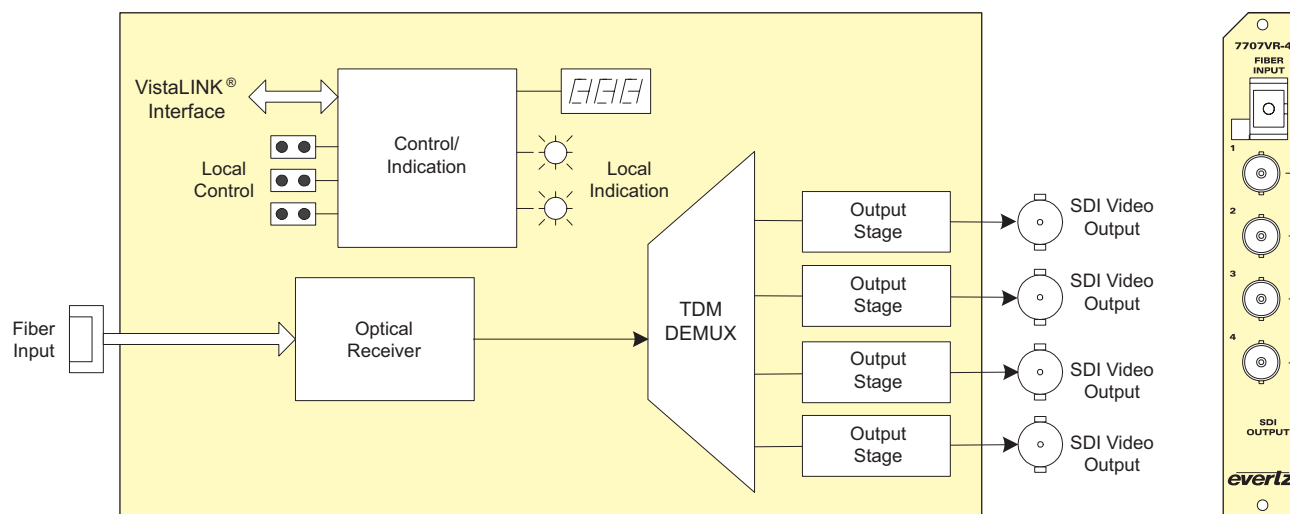




►Features & Benefits

- Single card demultiplexer for four synchronous or asynchronous 270Mb/s SDI, SDTi or DVB-ASI video signals
- Low jitter SDI outputs
- Independent signal outputs unaffected by loss of any other SDI or DVB-ASI input feed
- Transparently passes embedded AES or any other data in the horizontal or vertical ancillary data space
- Fully hot-swappable from front of frame with no fiber disconnect/reconnect required
- Supports single-mode and multi-mode fiber optic cable (contact factory for multi-mode applications)
- Accepts any wavelength in the 1270nm to 1610nm range
- SC/PC, ST/PC, FC/PC connector options
- Comprehensive signal and card status monitoring via four digit card edge display or remotely through SNMP and VistaLINK®
- Occupies one card slot and can be housed in either a 1RU frame which will hold up to 3 modules, a 3RU frame which will hold up to 15 modules, 3RU portable frame that holds up to 7 modules or a standalone frame which will hold 1 module
- VistaLINK® capability is available when modules are used with the 3RU 7800FR or 350FR frame and a 7700FC VistaLINK® Frame Controller module in slot 1 of the frame



►Specifications

Optical Input:

Number of Inputs: 1
 Connector: Female SC/PC, ST/PC, FC/PC
 Return Loss: > 25dB
 Operating Wavelength:

1270nm to 1610nm

Maximum Input Power:

Standard Version: -1dBm
 -H Version: -8dBm

Optical Sensitivity:

Standard Version: -23dBm
 -H Version: -28.5dBm

Serial Video Outputs:

Standards: SMPTE 259M-C, SMPTE 305M, DVB-ASI
 Number of Outputs: 4 independent SDI, SDTi or DVB-ASI

270Mb/s signals

Connector: 1 BNC per IEC 61169-8 Annex A

Signal Level: 800mV nominal

DC Offset: 0V ±0.5V

Rise and Fall Time: 900ps nominal

Overshoot: < 10% of amplitude

Return Loss: > 15dB up to 270Mb/s

Wide Band Jitter: < 0.2 UI

Electrical:

Voltage: +12V DC
 Power: 10W
 EMI/RFI: Complies with FCC Part 15, Class A
 EU EMC directive

Physical (number of slots):

350FR: 1

7700FR-C: 1

7800FR: 1

►Ordering Information

7707VR-4	Quad SDI/ASI Demux Fiber Receiver, VistaLINK®
7707VR-4-H	Quad SDI/ASI Demux Fiber Receiver, High sensitivity RX VistaLINK®

Ordering Options Rear Plate and Fiber Connector must be specified at time of order
 Eg: Model +SC +3RU

Rear Plate Suffix

+3RU 3RU Rear Plate for use with 350FR, 7700FR-C or 7800FR Multiframe
+1RU 1RU Rear Plate for use with 7701FR Multiframe
+SA Standalone Enclosure Rear Plate

Connector Suffix

+SC SC/PC

+ST ST/PC

+FC FC/PC

Enclosures

350FR 3RU Portable Multiframe which holds up to 7 single slot modules
7700FR-C 3RU Multiframe which holds up to 15 single slot modules
7800FR 3RU Multiframe which holds up to 15 single slot modules
7801FR 1RU Multiframe which holds up to 4 single or 2 dual slot modules
7701FR 1RU Multiframe which holds up to 3 single or dual slot modules
S7701FR Standalone Enclosure