▶ Features & Benefits

- Demultiplexor for eight synchronous or asynchronous 270Mb/s SDI, DVB-ASI or SDTi video signals
- Signal transport over fiber uninterrupted by loss of any input video feed
- Transparently passes embedded AES or any other data in the horizontal or vertical ancillary data space
- Comprehensive signal and card status monitoring via four digit card edge display or remotely through SNMP and VistaLINK®
- Can be housed in either a 1RU frame which will hold up to 3 modules, a 3RU frame which will hold up to 7 modules, 3RU portable frame that holds up to 3 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
- Supports single-mode and multi-mode fiber optic cable
- Accepts any wavelength in the 1270nm to 1610nm range
- SC/PC, ST/PC, FC/PC fiber connectors available
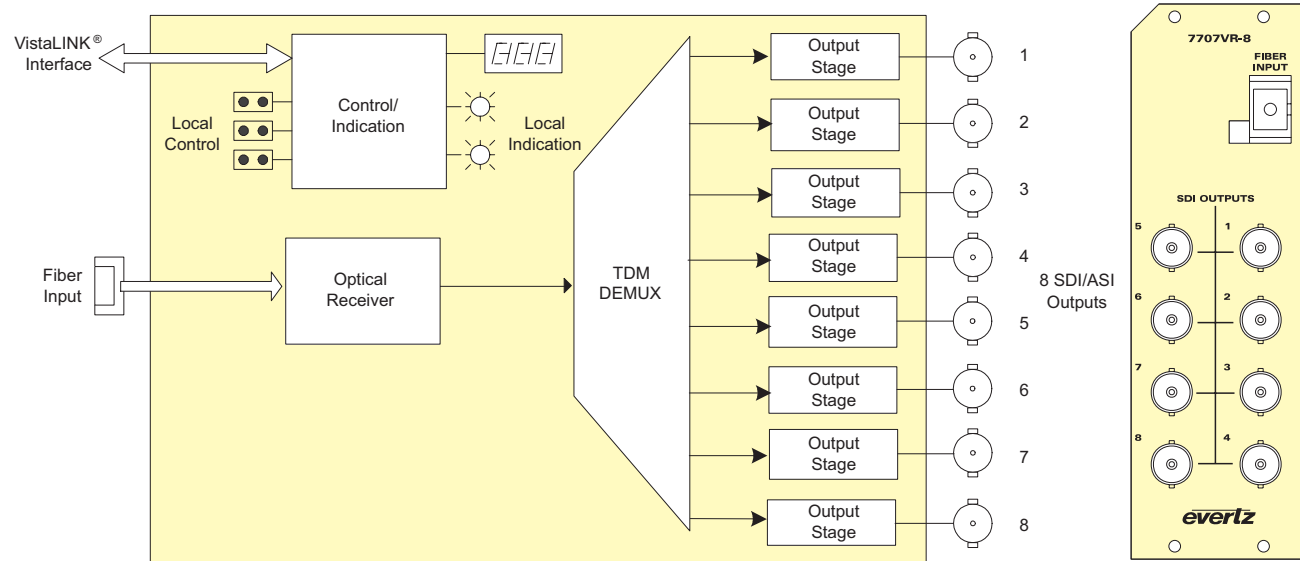
▶ Specifications

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:	-21dBm
-H Version:	-28.5dBm

Serial Video Output:

Standards:	SMPTE 259M, SMPTE 305M, DVB-ASI
Number of Outputs:	8 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:	12W
EMI/RFI:	Complies with FCC regulations for Class A devices
	Complies with EU EMC directive

Physical (number of slots):

350FR:	2
7700FR-C:	2
7800FR:	2

▶ Ordering Information

7707VR-8	Eight SDI/ASI Demux Fiber Receiver, VistaLINK® Monitoring
7707VR-8-H	Eight SDI/ASI Demux Fiber Receiver, High Sensitivity Optical Input, VistaLINK® Monitoring

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
7701FR	1RU Multiframe which holds up to 3 single or dual slot modules
S7701FR	Standalone Enclosure