

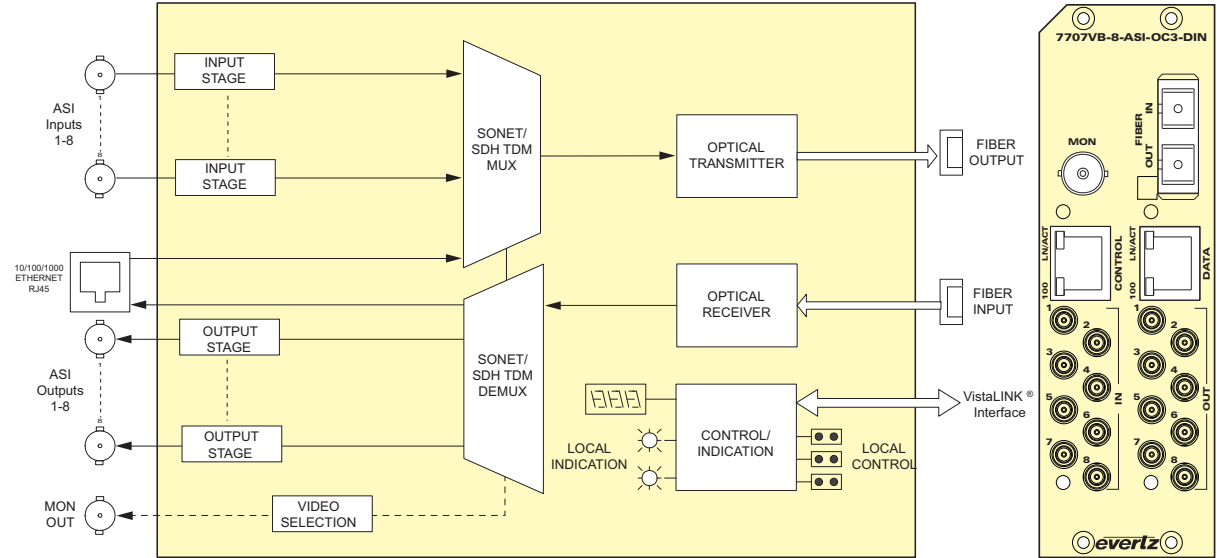
7707VB-8-ASI-OC3-DIN

Eight Channel, Bi-directional ASI over OC 3 Transceiver



Features & Benefits

- Transports signals at the OC-3/STM-1 line rate
- Single card TDM multiplexer for 8 bi-directional asynchronous DVB-ASI signals
- Flexible Bandwidth Management (FBM) automatically throttles Ethernet bandwidth with respect to applied video
- Built-in Ethernet transceiver with one 10/100/1000 Base-T compatible port
- Interfaces directly to the SONET/SDH infrastructure
- Signal transport over fiber uninterrupted by loss of any input feed
- Stratum 3 wander/holdover/jitter compliance
- Fully hot-swappable from front of frame
- Supports single-mode and multi-mode fiber optic cable (contact factory for multi-mode applications)
- Optical output wavelengths of 1310nm, 1550nm, and up to sixteen CWDM wavelengths (ITU-T G.694.2 compliant)
- DWDM wavelengths (ITU-T G.694.1 compliant) also available
- 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®
- VistaLINK® capability is available when modules are used with the 3RU 7800FR frame and a 7700FC VistaLINK® Frame Controller module in slot 1 of the frame



Specifications

Serial Video Input: Standards: DVB-ASI Number of Inputs: 8 Connector: 1.0/2.3 female (Mini-DIN) Equalization: Automatic to 250m @ 270Mb/s with Belden 1694A or equivalent cable Return Loss: > 15dB up to 270Mb/s	Optical Input: Standards: OC-3/STM-1 Number of Inputs: 1 Connector: Female SC/PC, ST/PC or FC/PC Return Loss: > 25dB Wavelength: 1270nm to 1610nm Maximum Input Power: Standard: -1dBm Optical Sensitivity: Standard: -28dBm	Power: 1310nm FP (Standard): -7dBm ±1dBm 1550nm & CWDM DFB: 0dBm ±1dBm DWDM DFB: +7dBm ±1dBm
Serial Video Output: Standards: DVB-ASI Number of Outputs: 8 Connector: 1.0/2.3 female (Mini-DIN) Signal Level: 800mV nominal DC Offset: 0V ±0.5V Rise and Fall Time: 900ps nominal @ 270Mb/s Overshoot: < 10% of amplitude Return Loss: > 12dB Wideband Jitter: < 0.2 UI	Optical Output: Standards: OC-3/STM-1 Number of Outputs: 1 Connector: Female SC/PC, ST/PC or FC/PC Return Loss: > 14dB Wideband Jitter: < 0.2 UI Fiber Size: 9µm core/125µm overall Wavelength: Standard: 1310nm, 1550nm (nominal) CWDM: 1270nm to 1610nm (See Ordering Information) DWDM: C-Band (ITU-T G.694.1 compliant) (See Ordering Information)	Electrical: Voltage: +12V DC Power: 12W (Non DWDM), 13W (DWDM)
		Physical (Number of Slots): 7800FR: 2 7801FR: 2
		Compliance: Electrical Safety: CSA Listed to UL 60065-03, IEC 60065 Complies with CE Low voltage Directive Laser Safety: Class 1 laser product Complies with 24 CFR 1040.10 and 1040.11 IEC 60825-1 EMI/RFI: Complies with FCC Part 15, Class A EU EMC directive

Ordering Information

7707VB13-8-ASI-OC3-DIN Eight Channel, Bi-directional ASI +Ethernet over OC3 Transceiver, 2 slot Mini-DIN I/O, 1310nm FP laser with VistaLINK®
7707VB15-8-ASI-OC3-DIN Eight Channel, Bi-directional ASI +Ethernet over OC3 Transceiver, 2 slot Mini-DIN I/O, 1550nm DFB laser (0dBm), with VistaLINK®
7707VBxx-8-ASI-OC3-DIN Eight Channel, Bi-directional ASI +Ethernet over OC3 Transceiver, 2 slot Mini-DIN I/O, CWDM DFB laser (See Ordering Information)
7707VBDxxx-8-ASI-OC3-DIN Eight Channel, Bi-directional ASI +Ethernet over OC3 Transceiver, 2 slot Mini-DIN I/O, DWDM DFB laser (See Ordering Information)

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

Connector Suffix
+SC SC/PC
+ST ST/PC
+FC FC/PC

Enclosures
350FR 3RU Portable Multiframe which holds up to 7 single slot modules
7800FR 3RU Multiframe which holds up to 15 single slot modules
7700FR-C 3RU Multiframe which holds up to 15 single slot modules

The Complete Solution Provider

