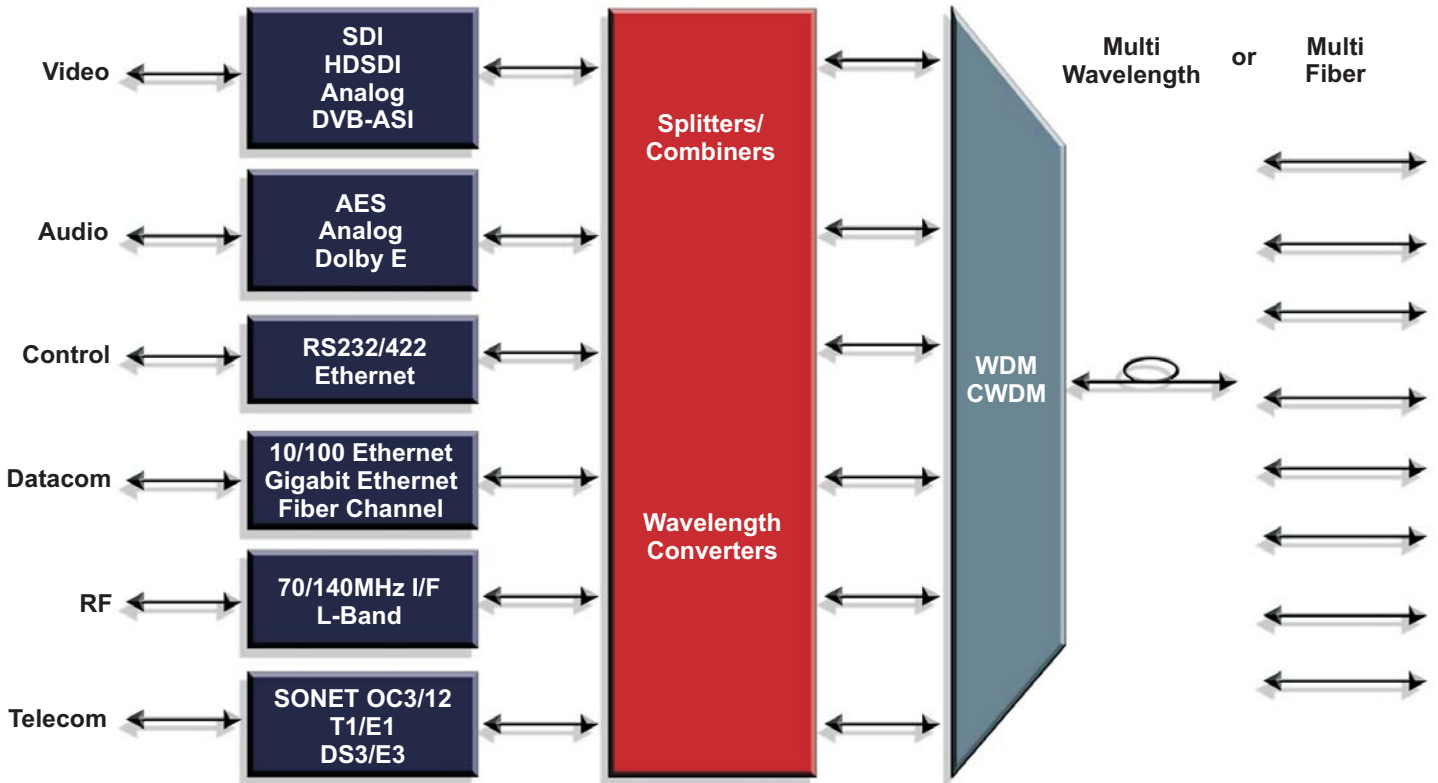


Complete Fiber Optic Solutions

ONE PLATFORM

Evertz's fiber optic product line consists of a comprehensive set of fiber optic conversion and transport products for video, audio, control, datacom, telecom, L-Band and I/F signals. The new 7700 Facility Link Platform has been designed to handle the complex requirements of current and future fiber optic transport for professional video applications.



Features

- Flexible & Expandable transport platform
- Video + Audio + Control + Tally + LTC + Datacom + Telecom + RF in one platform
- Single Fiber (CWDM) or Multiple Fibers
- Economical expansion (TDM + CWDM)
- 100% hot swappable, supply redundancy

Applications

- Facility / Studio Linking
- Metro Video + Audio + Control + Data links
- Studio to Transmitter links
- Outdoor Events and Remote Broadcasts
- Low cost, signal aggregation
- Wavelength conversion & aggregation

New Products & Capabilities

- SDI + AES + RS232/422 + GPI/GPO + Fiber on one card
- Analog Video + Audio + Fiber on one card
- HD-SDI + AES + Fiber on one card
- Single and Quad Ethernet Transceivers
- Gigabit Ethernet Transceiver
- T1/E1 Telecom Transceiver
- High Density SDI/OE
- 70/140Mhz I/F over fiber
- L-Band over fiber
- Optical Bypass Protection Switch
- SoftSwitch™ for glitchless AES

Multi-format

Support for numerous signal formats and data types in one common platform make this one of the most flexible offerings available. Video formats supported include both analog video (NTSC and PAL) and digital video (SDTV, HDTV, DVB-ASI, SDTi, SMPTE 310M). Audio formats include both analog audio and AES/EBU audio. Control formats include bi-directional RS-232, RS-422 and GPI/GPO. Datacom formats include single and multiple, bi-directional Ethernet (10/100 BaseT), Gigabit Ethernet, Fiber Channel and other network and server transport protocols. Telecom formats include SONET/SDH, DS3, T1/E1/J1, RF formats include L-Band & 70/140Mhz I/F signals.

Flexible

Multiple signal combination, wavelength, power and distance options ensure maximum flexibility for varying transport requirements. Multiple audio, control and contact closures can be sent separately from video on different fibers or combined with video onto the same fiber. Single direction or bi-directional signal transport over the same fiber or multiple fibers can also be chosen. Both single-mode and multi-mode fiber is supported by many cards for legacy installations. Wavelengths available include 1310nm, 1550nm and up to eight Coarse Wave Division Multiplexing (CWDM) wavelengths in the 1470nm to 1610nm spectrum. High power laser transmitters and high input sensitivity receivers are also available to optimize transport distances.

Expandable

With the use of Coarse Wave Division Multiplexing (CWDM) technology up to 8 wavelengths can be combined onto a single fiber. Each wavelength is completely independent and can carry any data type including bi-directional traffic. With the addition of Evertz Time Domain Multiplexing (TDM) technology, multiple video, audio, data and control signals can be combined to further increase total capacity without the addition of extra fiber runs. The high density 7700 frame with 15 card slots also ensures optimal expandability at minimal cost.

Economical

Evertz's CWDM technology is setting a new standard for economical wavelength multiplexing over single fibers. When compared with Dense Wave Division Multiplexing (DWDM), Evertz's CWDM technology offers superior value in system implementations. For applications where multiple fibers are available and CWDM is not needed, Evertz offers lower cost optical transmitter options.

VistaLINK™ Monitoring and Control

With the addition of VistaLINK™ enabled capability, Evertz fiber optic conversion cards can be monitored and controlled locally or remotely by SNMP compliant managers or by third party automation packages.

Redundancy

Built on Evertz's proven 7700 chassis, the Facility Link platform features redundant power supplies, excellent cooling characteristics and fully hot swappable cards. Fail over switching for fiber bypass applications is also available.

