

Amphenol Aerospace

Fiber Optic Backplane

The [integrated electro-optical backplane](#) enclosure system integrates your total electrical and optical rack interconnect needs into one discreet package. This system allows for external rack connections to be connected directly to the electrical and optical backplane.



Integrated Optical Backplane Allows for:

- SEM-E or Custom Form Factors
- Hybrid High-Speed Digital and Fiber Optics
- Fiber Terminations are 12 Channel MT
- Ribbon Cable Routing Creating Programming Flexibility
- Easily Upgradeable
- Optical Fabric Integration

The Fiber Optic Backplane Incorporates Optical Fabric Integration. Optical Fabric is organizes light transmissible media constrained for support and assembly means.

Optical fabric is fabricated via the same techniques as Multiwire® circuit boards. The fibers are ultrasonically bonded into adhesive on a substrate.

