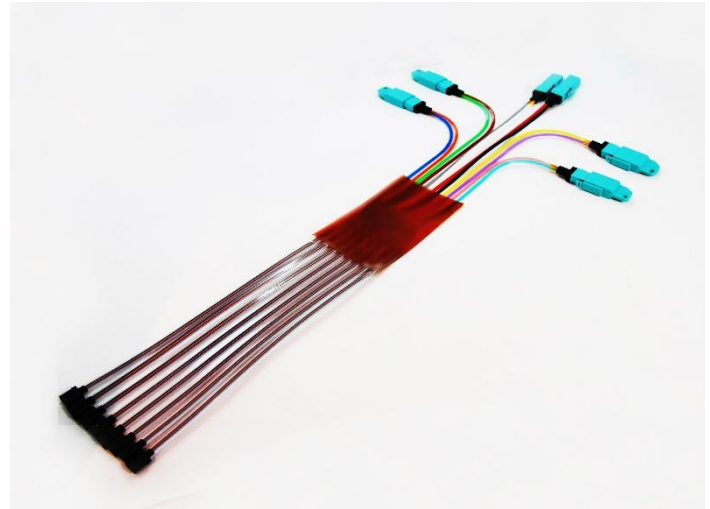


Optec's optical fiber flex circuit offers an innovative and flexible solution to precision fiber management that especially suitable for high fiber count backplane applications and cross-connect systems. It provides a manageable means of fiber routing from card-to-card or for the interconnection of optoelectronic devices on the PCB, offering unsurpassed size and weight reduction compared to traditional cable bundles.

This fully customizable flex circuit solution consists of a number of optical fibers which are encapsulated in thin protective film substrates, and to pre-terminate with customer specified interconnect interfaces include MT-based connectors (MXC, MTP, MT ferrules), or single-fiber connectors (LC, SC).



## Features and Applications

### For high fiber count optical backplane applications

Provide high density fiber routing on a flexible thin film substrates for card-to-card or shelf-to-shelf interconnection

### Fully customizable design on configurations

Diverse substrate size, shape and packaging

### Innovative design using the latest fiber optic technology

Fiber crossovers are designed to minimize stress in optical fibers while providing complex routing of signal pathways

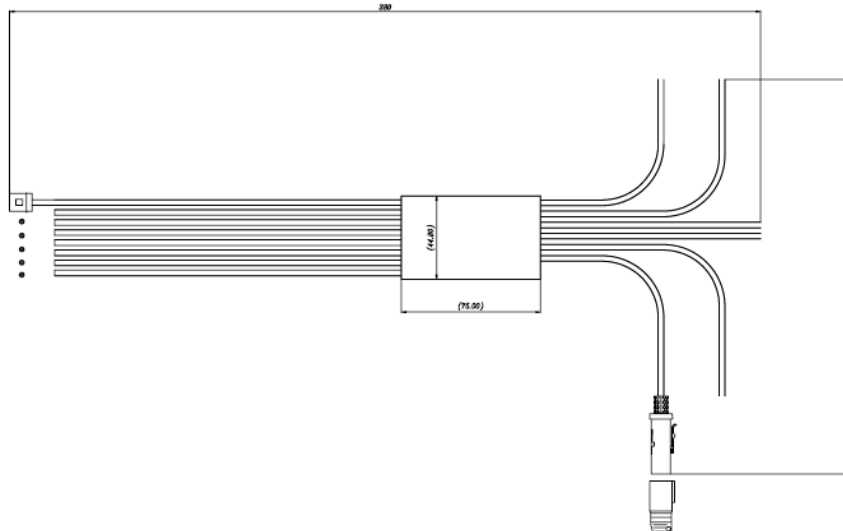
**Allows fiber "crossovers" without performance penalty**  
Superior optical performance at typical low loss < 0.05dB

**Available in any routing system allowing flexibility in system design**

Custom point-to-point routing, in a shuffle, or in a logical pattern to meet specific requirements.

## Product Illustration & Examples

*Example:* Optical Flexi-Circuit 96-fiber MT to MXC



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