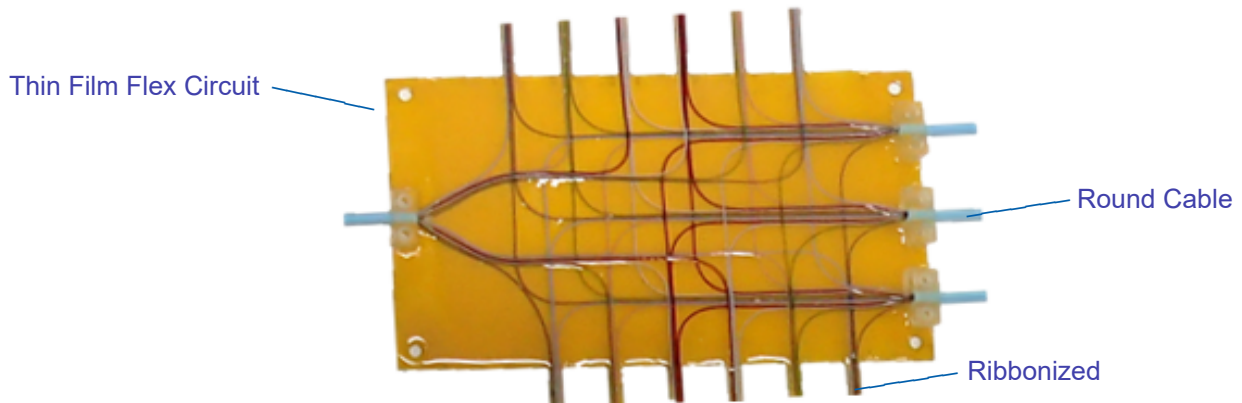
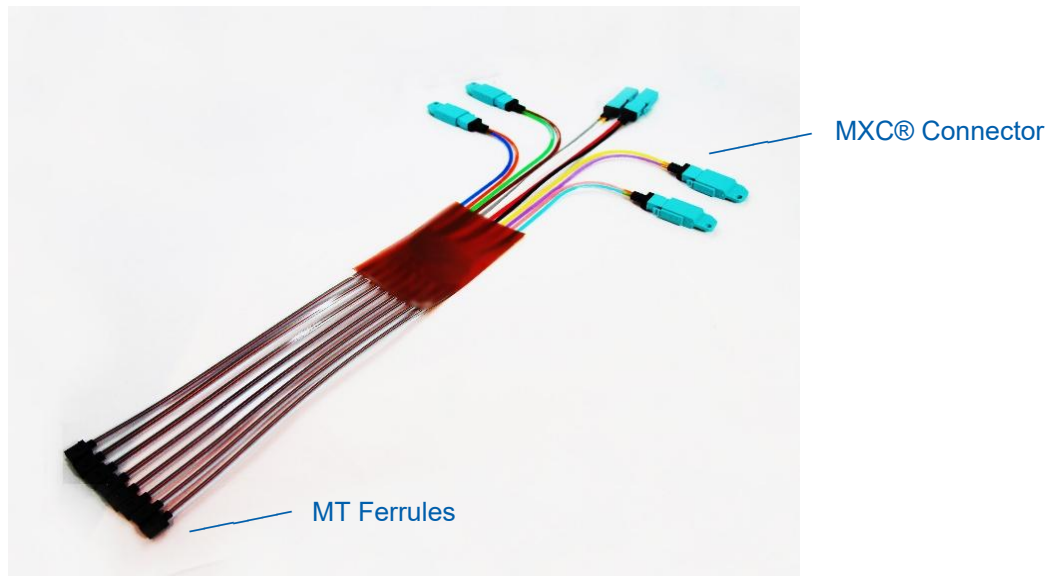


Optec's optical fiber flex circuit offers an innovative and flexible solution to precision fiber management that is especially suitable for high fiber count backplane applications and cross-connect systems. It provides a manageable mean of fiber routing card-to-card or interconnection between optoelectronic devices on the PCB, offering unsurpassed size and weight reduction comparing 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 such as MT-based connectors, single-fiber connectors, or lens-type connectors.

Features and Applications

- High fiber counts, managing hundreds to thousands of fibers per assembly
- Fully customizable design on configurations
- Diverse substrate size, shape and packaging
- Pre-terminated with various connector types
- Compatible with different fiber types according to applications
- Fiber crossovers are designed to minimize stress across optical fibers
- Allows fiber "crossovers" without performance penalty Superior optical performance at typical low loss < 0.05dB

Examples



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