

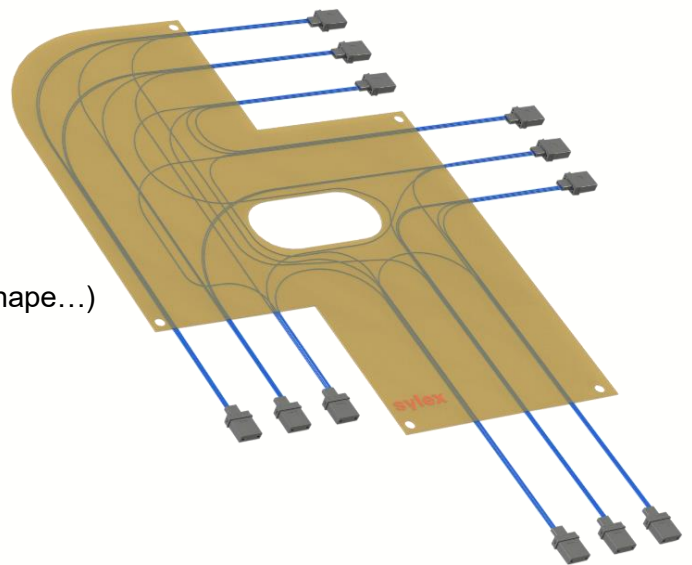
Fiber Flex Shuffle

Product presentation

Introducing the Fiber Flex Shuffle—the next evolution in optical fiber routing and management. This plug-and-play solution is designed to streamline fiber rerouting and organization. Precisely placed fibers within durable protection make it the ideal choice for high-performance environments such as supercomputing, aerospace, and data centers.

Basic characteristic

- ▲ Up to 3 stacked interconnected layers
- ▲ Fibers: Singlemode, Multimode, special fibers
- ▲ Wide range of compatible connectors
- ▲ Shape: customizable (rectangle, band, donut shape...)
- ▲ Flat and flexible
- ▲ High thermal resistance with Kapton material



Applications:

- ▲ Supercomputing
- ▲ Datacenters
- ▲ Aerospace
- ▲ Military

Flex Shuffle parameters

Base layer material	Kapton, **Fluorosilicone, **PEEK, **FEP
Secondary layer	Conformal coating or Kapton
Compatible fibers	MM, SM, Special fibers
Shape	as per customer's needs
Max. Flex Shuffle dimensions	1100cm x 710cm
Thickness (Kapton with conformal coating)	approx. 350 microns
Option for low skew applications	Matching fiber lengths within the Flex Shuffle

* Specifications are subject to change without notice
 **Potential material under consideration

Fiber Flex Shuffle

With its compact, flat design, Flex Shuffle excels in space-constrained applications, providing a practical solution for organizing and protecting fiber networks. Its ease of installation ensures that field engineers can deploy it quickly and efficiently, even in the most complex setups, saving valuable time without sacrificing performance.

Sylex offers the expertise of its engineers to help design the perfect solution suited to your specific needs.

For more information contact our sales team at sales@sylex.sk