Outline
Features
Application
Makeup Example

Fibers in sheets allow a flexible routing arrangement branch out from multi-fiber connectors to single-fiber connectors, and cross-connecting between multi-fiber connectors.
A variety of connectors and fibers are available.

- Flexible routing arrangement eliminates complicated extra length management in equipment.
- Errors in wiring are reduced as routing arrangement is pre-designed.
- Laminating thin sheets allows a high density routing arrangement.

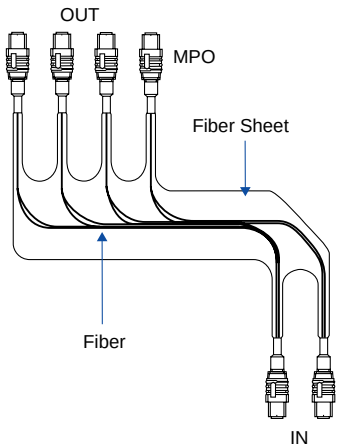
Routing in optical equipment, optical back plane wiring, etc.

(MPO-MPO type)

General View

Example Specification

Connector: 8MPOX2(IN)
4MPOX4(OUT)
Fiber: SM10/125
Sheet Dimensions:
180mm x 180mm (connectors included)
Sheet Thickness: 1.1mm (approx.)
Sheet Material: Polyimide



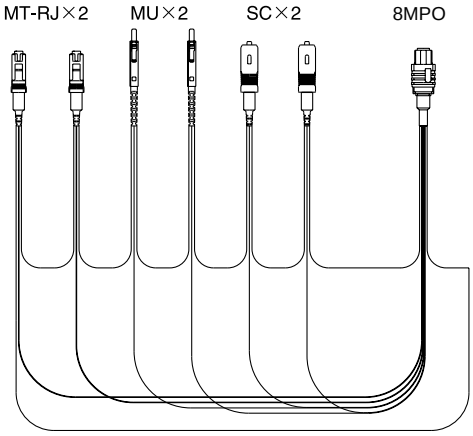
Specifications

Item		Specification
Optical Connector	Single-fiber	SC connector, FC connector, MU connector, ST connector, LC connector, etc.
	Multi-fiber	MT connector, MPO connector, LIGHTRAY MPX connector, MT-RJ connector, etc.
Optical Fiber	Types	SM 10/125, DSM 8/125, GI 50/125, GI6 2.5/125, etc.
	Fiber Diameter (standard)	250µm
Sheet	Dimensions	400mm x 700mm at maximum
	Thickness	0.9mm to 2.2mm (optical fiber included)
	Material	Polyimide, Flame resistant PET, etc.
Others	Low Skew	Depends on specifications separately defined.

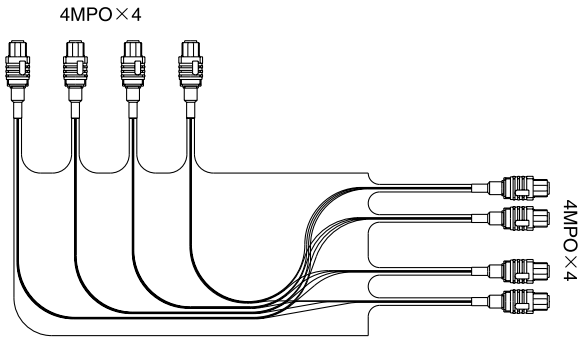
NOTE: Details of routing, shape, etc. depend on specifications separately defined.

Routing Examples

Cross-connecting between Single- and Multi-fiber connectors



Cross-connecting between Multi- and Multi-fiber connectors



Suitable for routing in optical equipment, optical back plane wiring, etc.