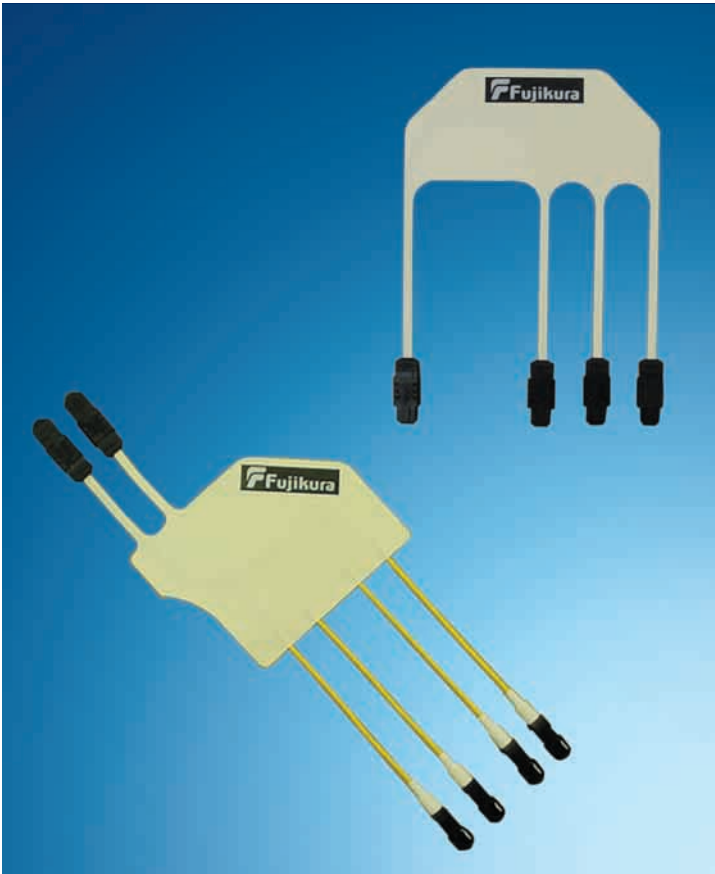


Flexible Optical Circuits



Fujikura's Flexible Optical Circuit provides a neat optical interconnect / cross-connect solution for high density fibre systems. Fibres are pre-routed in a thin, flexible flame - resistant substrate from terminal point to point to offer a highly manageable routing platform for inter / intra-system optical communication applications.

Features

- Fully customisable routing solution
- Thin (~2mm) and flexible sheet
- Eliminates cable management
- Full range of terminal fibre-optic connectors – MPO, MPX, MT, MT-RJ, SC, MU, LC, FC
- Flame resistant and environmentally friendly



Application



- The fibre routing scheme is fully customisable, from single point-to-point to multiple shuffle distribution.
- You can choose from our full range of standard fibre-optic connector types including MPO, MPX, MT, MT-RJ, SC, MU, LC, FC at the terminal points to match your system interface.

Performance

Mechanical characteristics	
Minimum bending radius	≥ R30mm
Environmental characteristics	
Heat cycle ($\lambda=1.55\mu\text{m}$) -10°C~85°C, 10cycle	$\Delta\text{Loss} \leq 0.05\text{dB}$ (Injurious external damage-free)
Heat proof ($\lambda=1.55\mu\text{m}$) 85°C, 500 hours	$\Delta\text{Loss} \leq 0.05\text{dB}$ (Injurious external damage-free)

Tell us your interconnection needs today and we will provide the solution from circuit design to fibre termination working closely with you every step of the way.

SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.