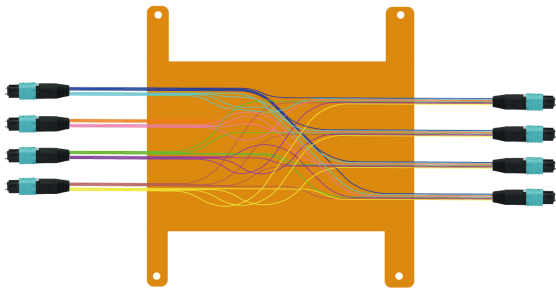


Optical Fiber Flex Circuit

Features



- Custom routed flexible fiber circuit, improves fiber management
- Flame resistant substrate (V0 rated), durable and reliable
- Controls bend radius, minimizes bend loss
- Reduces installation times and errors, cost savings
- Singlemode, Multimode, or specialty fiber
- Simplifies system architecture, saves space and improves airflow around temperature sensitive components
- Supports all industry standard termination

Parameter

Optical Fiber Nominal OD	250 μ m
Fiber to Fiber Spacing	250 μ m
Circuit Thickness (Minimum)	0.6mm
Maximum Circuit Dimensions	500x500mm
Matched Length Tolerance (Typical)	\pm 4mm
Maximum Insertion Loss	<0.35dB
Operating Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Storage Temperature	-55 $^{\circ}$ C to +125 $^{\circ}$ C

Application

- Optical backplane interconnection
- High-density fiber management
- Intra-rack installation
- Complex fiber circuit routes in minimal space
- Optical cross-connects

