

## Multi Fiber Pigtails / Patchcords

With growing demand of transmitting high datarates over short distances the technology of parallel optical links gets more and more attention. In order to achieve high fiber density there are connectors which can couple up to 12 fibers in a row. The MPO connector is specially manufactured for ribbon fiber cables. Connection integrity is provided by the spring action side latch housing and alignment is achieved with high precision guide pins.

### Specifications:

	Singlemode (angeled)	Multimode (flat)
Insertion Loss	≤ 0.35 dB Premium ≤ 0.75 dB Standard	≤ 0.5 dB
Optical Return Loss	> 60 dB	> 35 dB
Operating Temperature	-40°C to + 80°C	-40°C to +80°C
Durability	< 0,3 db change (per EIA-455-214) 500 remates	< 0,2 dB change (per EIA-455-214) 1000 remates

Please also check our parallel optical link active products from Emcore FiberOptics.

### Features:

- push-on / pull-off latching connector
- low insertion loss and reflection
- simple and low cost
- high density connection
- up to 12 fibers

## Patchcords / Adapters / Terminations

Optokon offer a great variety of connectors and cables (simplex/duplex/MM/SM/PM) with aggressive pricing and reasonable leadtime. For lab use there are master-patchcords and bare fiber adapters available. Here is an overview of connectors:

### Patchcords:

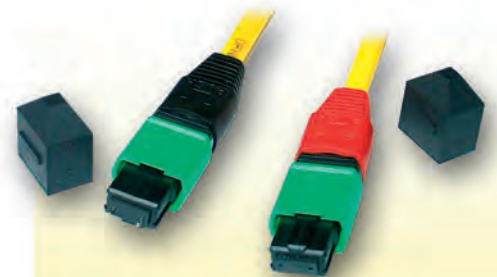
- single fiber: LC, MU, LX.5, FC, SC, LSH, ST, DIN, SMA, D4, ESCON, FDDI
- multi-fiber: MT-RJ, MT, MPO, MPX, SC-DC

### Adapters:

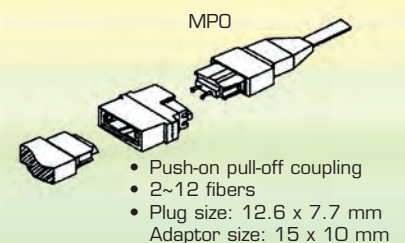
- FC, LX5, LC, LSH, MT-RJ, MU, SC, ST, ESCON, FDDI, SMA, DIN
- also hybrids available
- bare fiber: ST, SC, FC, LSH, LC, MU, SMA
- loop back adapter: LC

### Terminations:

- FC, SC, LC, MU, SC



Application to Distribution Frames



Application to Equipment Terminal

