

Optec's MTP/MPO Loopback is offered in female design with an economical solution for providing a stable and convenient means of network testing and diagnosing.

The loopback structure supports the direct mating with MTP/MPO adapter and parallel optical device such as a Quad Small Form Factor Pluggable (QSFP), and it also can simulate network distances within the device.



## Features and Applications

### Ruggedized plastic housing design

High durability with stable performance

### Bend Insensitive fiber with low loss connector

High precision alignment with superior optical loss

### Options for OM3 and OM4 fiber mode

Simulates network distances within the device

### Options for 12- or 24-Fibers MTP/MPO interface

Applicable in any MTP/MPO adaptor and other device ports

### Customized optical routing needs

Caters for different applications such as testing devices, CATV, sensor, etc.

## Specifications



Optical Performance		
Type	Standard MPO Multimode	Low Loss MPO Multimode
Fiber Mode	850nm	1310nm
Insertion Loss	≤1 dB	≤0.6 dB
Return Loss	≥20 dB	≥20 dB

Product Specifications	
Fiber Channeling Options	For use with 40G on 12-Fiber MPO interface Channel #5-8 unused
	For use with 100G on 12-Fiber MPO interface Channel #1 & #12 unused
	For use with 100G on 24-Fiber MPO interface Channel #1,12,13,24 unused
Fiber Type	Bend Insensitive Fiber
Connector Options	12-Fiber Standard MPO Non-pinned (Female)
	24-Fiber Standard MPO Non-pinned (Female)
	12-Fiber Low Loss MPO Non-pinned (Female)
	24-Fiber Low Loss MPO Non-pinned (Female)
Fiber Count Options	12-Fiber/24-Fiber
Available Fiber Mode	Multimode(OM3, OM4)
Jacket Material	Low Smoke Zero Halogen (LSZH)

### Optec Technology Limited.

Unit 1701, 17/F., North Tower, World Finance Centre, 19 Canton Road, Kowloon, Hong Kong.  
Tel: +852-2301-8148 | www.optec.com.hk | sales@optec.com.hk