



# MPO Adapter



**12 Fiber  
Flanged**



**12 Fiber  
Flangeless**



**SC Footprint  
Flanged**



**SC Footprint  
Flangeless**

## Overview

The MPO (Multi-Fiber Push-On) adapter is a passive fiber optic component used to connect two MPO connectors together. It serves as a mechanical interface, aligning and securing the mating MPO connectors to facilitate optical signal transmission between them.

MPO adapters are designed to accommodate multiple optical fibers within a single connector, allowing for high-density fiber optic connections.

The MPO adapter has two types, key-up to key-down, and key-up to key-up. They both provide the connection from cable to cable, or cable to equipment. They work for any MPO connector from 4 fiber to 72 fiber. MPO adapters are commonly used in various fiber optic applications, including data centers, telecommunications networks, and high-speed computing environments.

## Advantages

- **Multi-Fiber Connectivity:** MPO adapters are designed to accommodate multiple optical fibers within a single connector, allowing for high-density fiber optic connections.
- **Simple Installation:** MPO adapters feature a straightforward design that enables quick and easy installation. They typically incorporate a push-in/pull-out mechanism for inserting and removing MPO connectors.
- **Modular Design:** MPO adapters often feature a modular design that allows for flexibility in system configuration. They can be mounted on various types of panels, patch panels, or enclosures to suit specific installation requirements.
- **Compatibility:** MPO adapters are compatible with different types of MPO connectors, including both male (with pins) and female (without pins) connectors.



## Optical Fiber Packaging Ltd.

Holland Centre  
Holland Road Industrial Estate  
Haverhill  
Suffolk  
England CB9 8PR UK

Phone: +44 (0) 1440-766636  
Phone: +1 909 5765854 (USA)  
E-mail: [sales@ofpgco.com](mailto:sales@ofpgco.com)



Parameter	Specifications
Item	MPO Adapter
Housing	UL-Rated Plastic or Die Cast
Clip & Shutter	Stainless Steel
Durability	<0.2 dB change, 1000 mating cycles
Operating Temperature	-40 C to +70 C
Storage Temperature	-40 C to + 85 C

**For Part Numbers, Pricing & Delivery  
contact us at [sales@ofpgco.com](mailto:sales@ofpgco.com)**

**[www.ofpgco.com](http://www.ofpgco.com)**