



A Furukawa Company

# MPO Optical Fanout Module

MPO to Single Fiber



MPO Optical Fanout Module

## Features and Benefits

- Provides up to 5 times lower bending loss than CSMF fanouts or patchcords
- Delivers great performance and ease-of-management in cabinets or other patch panel systems
- OFS' AllWave® FLEX Fiber complies with ITU G.652D specifications
- Modular approach provides cost effective incremental growth:
  - Improves and simplifies fiber routing
- MPO Fanout Modules are Telcordia GR-1221-CORE, GR-1209-CORE tested:
  - Support industry standard applications
- Low insertion loss and reflectance:
  - Support high-speed applications
  - Support longer link lengths
- Solution-based engineering support helps meet all FTTH networking requirements:
  - Unique designs and configurations available
  - Customer specific application engineering
- Universal solution:
  - Simplified stocking/ replacement inventory

## Applications

- FTTH, hybrid fiber coaxial (HFC), MDU, closet & rack systems, and optical access networks
- MPO modules in Outside Plant Cabinets
- Broadband CATV networks

## Product Description

The Multi-Fiber Push-On (MPO) to Single Fiber Optical Fanout Module provides a innovative plug and play solution to the needs of today's FTTH, Telecom, and Datacom networks. The MPO Fanout Module offers excellent performance in a flexible and easy-to-manage package for multiple applications.

The use of MPO Fanout Module simplifies cable management by decreasing installation time and providing a flexible solution. The MPO Fanout Module structure allows for low cost installation and rapid hot swapping of modules for future upgrade to high bandwidth WDM requirements. The connectorized module also reduces time consuming documentation and rerouting in the future – the modules make it simple to remove connectors and swap out the module.

MPO Fanout Modules provide low loss, wideband performance and are packaged in robust cassettes that plug into a standard LGX® Fiber Management Panel opening. The LC or SC interface on the output takes advantage of the outstanding low loss performance of the OFS connectors, while the MPO connector provides high-density connectivity on the input side.

## Product Description (Continued)

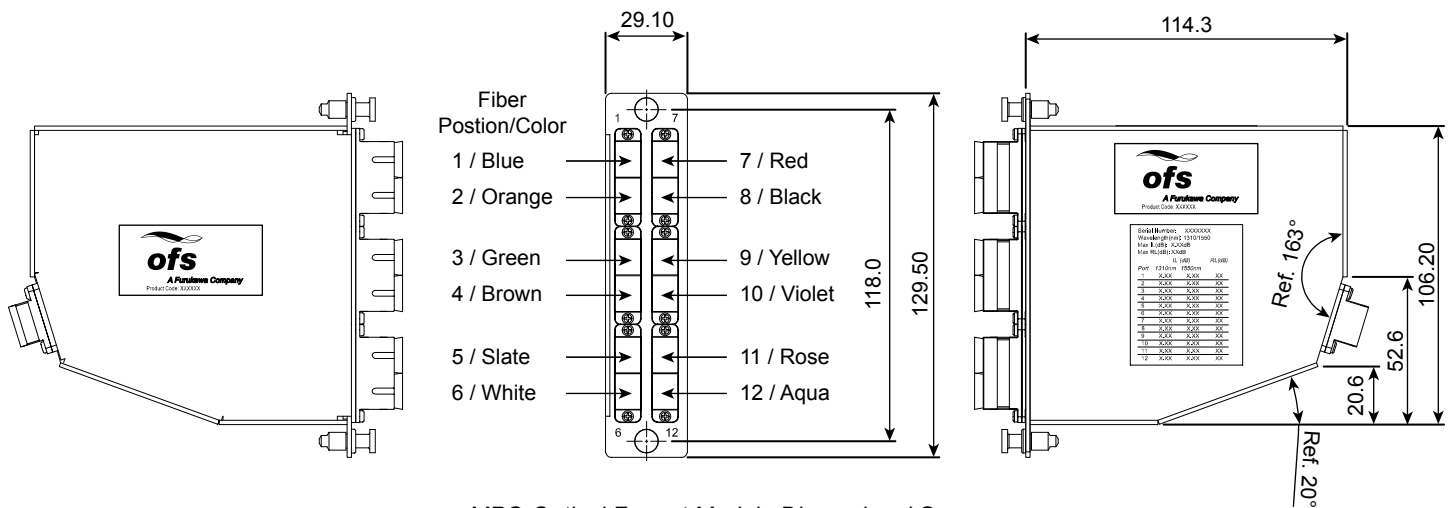
When used with OFS' AllWave® ZWP Fiber in a FOX™ (Fiber Optics-to-the-X) deployment, network operators operators can offer triple play functionality at extended distances in a cost effective package.

MPO Fanout Modules are ideal for integration into smaller field cabinet designs and other space limited routing architectures. They are available in both 8 and 12 fiber MPO connectors on bare ribbon, tight-buffered ribbon, and cordage and include standard connectors on the opposite end.

Performance Specifications				
Loss Spec	IL	IL	RL	IL
Wavelength	1310 nm	1550 nm	1310 nm	1550 nm
Spec	≤ 0.6 dB	≤ 0.6 dB	> 50 dB	> 50 dB

Ordering Information	
Product Code	Comcode
MODULE, FM MPO-M-1000SA2-08 SM WHT	301001442
MODULE, FM MPO-M-1000SA2-12 SM WHT	301001210



MPO Optical Fanout Module Dimensional Specs

For additional information please contact your sales representative.  
You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.