

## Overview

Cabling123's **w-Ignite MPO patch cords** provide great plug and play capabilities for lab environments and other high density applications. The **MPO** connector terminates 12 or 24 fibers and achieves the highest density interconnect, replacing up to 24 individual fiber connections. This provides an effective way to achieve high density in a small space.

Cabling123's w-Ignite MPO Patch Cords are high quality fiber optic patch cords that are designed to meet or exceed industry specifications. Each patch cord is pre-terminated, expertly polished, and tested for low insertion loss and back reflection. This ensures peak optical performance, while saving time and effort during onsite installation.



*Optional Push-Pull Tab*



*12 Fiber MPO*



*24 Fiber MPO*

## Features & Benefits

- Low Return Loss (RL) & Low Insertion Loss (IL)
- Factory Terminated, Individually Tested & Passed Quality Standard
- Ready to Install On-Site
- High-Density Interconnect Replacing Up to 24 Individual Fiber Connectors
- Alignment Achieved With High Precision Guide Pins
- Quick Installation with Push/Pull Mechanism
- Patch Cord Identification Label Provides Traceability
- Single-Mode and Multimode Color-Coded Housing
- Base Cable Plenum Rated for Code Compliance
- Customized Harness Cables Available

## Applications

- Data Centers
- High-Density Cross Connect
- Backbone Installations
- Telecommunication Networks
- Test Labs
- Equipment Rooms

## MTP® Performance Specifications

		MM Elite (850 & 1300nm)	MM (850 & 1300nm)	SM Elite (APC) (1310 & 1550nm)	SM (APC) (1310 & 1550nm)
Insertion Loss (dB)	Typical	0.10	0.20	0.10	0.25
	Max	0.35	0.60	0.35	0.75
Return Loss (dB)	Max	-20	-20	-60	-60

## Product Selection

Part Number: 50ab-CDEFP-XXM

ab (optional)	C	DE	F	XX
MF (male guide pins on one end)	3 (SMF 9/125) 4 (OM3 50/125) 8 (OM4 50/125)	12 24	0 (PC) 2 (APC)	Length (Meters)
MM (male guide pins on both ends)				

*Additional Customizations Available*

## Standards Compliance

- EIA/TIA-455-21A
- IEC-61754-7
- TIS-604-5 (FOCIS 5)
- RoHS
- UL Rated

