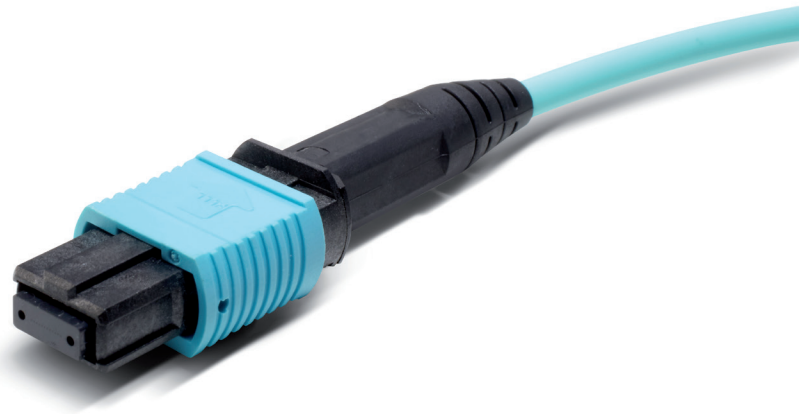


MPO-Elite®

Unbranded, Removable Housing
Fold-out rear bodies
Enhanced oval spring
Universal ferrule holder

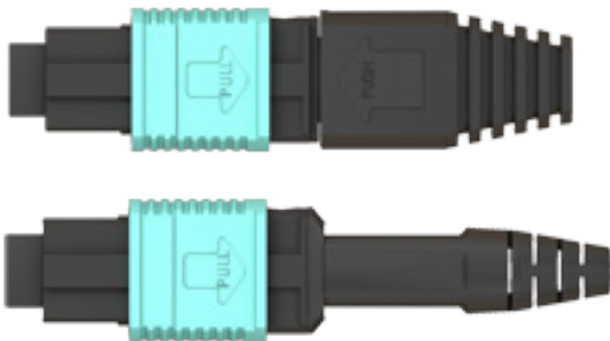
APPLICATIONS

- Data Centers
- High Density Applications
- Array trunk cables
- Array fiber to single fiber fanouts and cassettes
- High fiber density card edge access
- Optical switching interframe connections



Fiberon's brand new MPO-Elite® connector provides the ultimate flexibility and high performance for all popular applications. As it allows the user to incorporate their chosen ferrule, this coupled with the unbranded removable housing allows for a customer to use this MPO solution without sacrificing the characteristics that make the MTP® unique and effective.

This connector is termination ready with a fold out rear body option allowing simple fiber laying and connectorization.



MPO-Elite® is registered trademark of Fiberon Technologies, Inc

MTP® are trademarks or registered trademarks of US Conec Ltd.

FEATURES

The MPO-Elite® connector housing is removable. This feature allows the customer to:

- Re-work and re-polish the MT ferrule
- Change the gender after assembly or even in the field
- Scan the ferrule interferometrically after assembly
- High tolerance stainless steel guide pins
- Optimized pin clamp design
- Oval Spring spring design maximizes ribbon clearance for twelve fiber and multifiber ribbon applications
- Option for pull / push tab for tight fit and/or high density applications.

The MPO-Elite® connector is offered with four standard variations of strain relief boots to meet a wide array of applications.

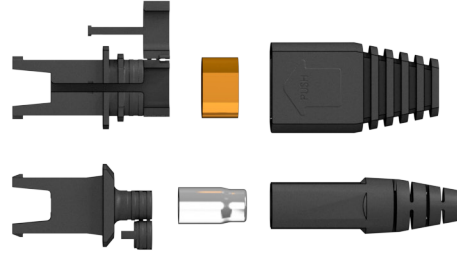
- Round, Loose Fiber Cable Constructions
- Oval Jacketed Cable
- Bare Ribbon Fiber
- Short boot which reduces the footprint by 45%. Ideal for use in space limited applications.



Experience • Focus • Capability • Worldwide Reach

- Ribbon type
- Ribbon type with fold

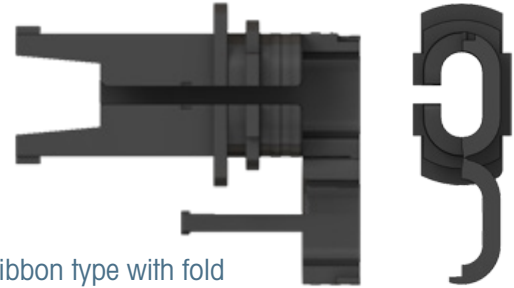
- Round type
- Round type with fold



The versions with the fold/slot provide for ease of assembly as you can just lay the fibers in place in the rear body and fold the secondary piece over and lock in place to secure.



Ribbon type



Ribbon type with fold

SPECIFICATION	SINGLEMODE	SINGLEMODE ULTRA LOW LOSS	MULTIMODE
Insertion Loss	0.25dB Typical (all fibers) 0.75dB Maximum (Single fiber)	0.1dB Typical (all fibers) 0.35dB Maximum (Single fiber)	0.20dB Typical (all fibers) 0.50dB Maximum (Single fiber)
Return Loss	≥60dB (8° Angle Polish)	≥60dB (8° Angle Polish)	≥ 25dB
Durability	<0.25dB change, 500 matings	<0.25dB change, 500 matings	<0.20dB change, 1000 matings
Operating Temperature	-40 to +80°C		

Further optional choices include our pull tab which allows the MPO-Elite to be removed using a simple tab element thus, MPO can now be mounted much closer together for extra high density applications.

MPO Push/Pull tab



MPO-Elite® SERIES

ORDER CODE

CODE	FIBER COUNT	FERRULE TYPE	HOUSING COLOR	BOOT	REAR BODY
CN-MPM Male	4 4-Fiber	A SM Standard for Angle Polish	3 Green	1 Ribbon Fiber	F With Fold
CN-MPF Female	6 6-Fiber	MM MM Flat Polish	4 Beige	2 Ruggedized Cable	
	8 8-Fiber	SLL SM Ultra Low Loss for Angle Polish	5 Aqua	3 Round Cable	
	12 12-Fiber		7 Yellow	24F 24-Fiber	
	24 24-Fiber				
	00 No Ferrule				

CN-MPF-12MM-5-1-F

Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

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