



## MPO Cable Assemblies

TE offers durable MTP brand MPO products for any parallel optics application. Available in 4, 8, 12, 24 and 48 fiber counts, the MPO cable assemblies use round cable for the most efficient, user-friendly and cost-effective solution for connecting to your CXP or QSFP transceivers.





### KEY FEATURES

- MPO CXP configurations to mate with CXP transceivers
- MPO QSFP configurations to mate with QSFP transceivers
- Push-pull latching for quick release
- Flexible round outer jacket for easier installation/routing
- Fan-out options include MPO, LC, SC, ST, FC, MU, MT-RJ, PRIZM

### APPLICATIONS

- Switches, routers and host bus adapters (HBA's)
- Enterprise storage
- High density, high speed I/O
- Multiple channel interconnects

### STANDARDS

- Tested to Telecordia GR-1435
- Connectors meet IEC Standards 61754-7 and TIA/EIA 604-5

### FIBER OPTIONS

- Singlemode
- Low loss singlemode
- 50/125um OM4
- 50/125um OM3
- 50/125um OM2
- 62.5/125um
- Bend insensitive fiber G657A or G657B

### CABLE RATING OPTIONS

- Riser rated, UL-OFNR
- Plenum rated, UL-OFNP
- Low Smoke, Zero Halogen (LSZH) rated

### PRODUCT OFFERINGS

Side A	Side B	Fiber Type	Fiber Count	Cable Length (in meters)	Part Number
MPO (pins)	PRIZM	OM2	12	2	2123723
24-F MPO	Loopback (no pins)	OM2	24	Loopback	2123248
8-F MPO	Loopback (QSFP no pins)	OM2	8	Loopback	2123391

PRODUCT OFFERINGS CONTINUED

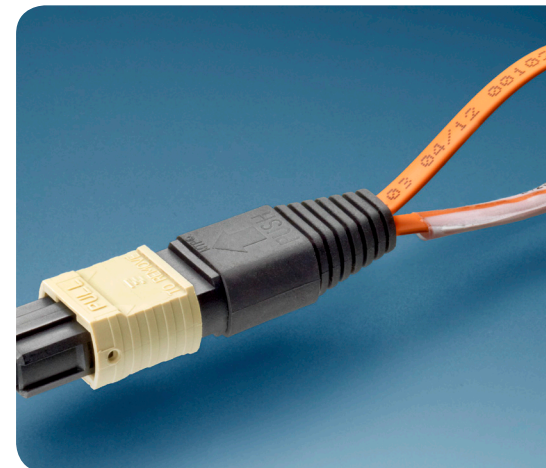
Side A	Side B	Fiber Type	Fiber Count	Part Number*
48-F MPO	48-F MPO (no pins)	OM3	48	2148450
		OM2		2148451
24-F MPO	24-F MPO (no pins)	OM4	24	2148441
		OM3		2148238
		OM2		2148039
	(3) QSFP MPOs	OM4		2148445
		OM3		2148043
		OM2		2148042
	24-LC	OM4		2148447
		OM3		1938324
		OM2		1938209
		OM4		2148447
12-F MPO	12-F MPO (no pins)	OM4	12	2148447
		OM3		1938324
		OM2		1938209
MPO	MPO (no pins) QSFP	OM4	8	2148448
		OM3		1938323
		OM2		1938208
MPO (no pins)	LC, QSFP breakout	OM4	8	2148449
		OM3		2148036
		OM2		2148035

\*To determine full part number, use table below

Cable Length (in meters)	Part Number Formula
1	PN-1
3	PN-3
5	PN-5
10	1-PN-0
15	1-PN-5
20	2-PN-0

Accessories

Adapter Type	Part Number
Adapter w/ flange	1588172-1
Adapter w/ flange and clip	1588172-2
Adapter w/o flange	1588172-3
Adapter w/o flange and w/ clip	1588172-4
MPO Quad 30	2064792-1
Movable Black Angled Boot	2-PN-0



## FOR MORE INFORMATION

[te.com/products/standardfiberoptics](http://te.com/products/standardfiberoptics)

### TE Technical Support Center

USA: +1 (800) 522-6752  
Canada: +1 (905) 475-6222  
Mexico: +52 (0) 55-1106-0800  
Latin/S. America: +54 (0) 11-4733-2200  
Germany: +49 (0) 6251-133-1999  
UK: +44 (0) 800-267666  
France: +33 (0) 1-3420-8686  
Netherlands: +31 (0) 73-6246-999  
China: +86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant\*, unless marked otherwise.

\*as defined [www.te.com/leadfree](http://www.te.com/leadfree)

### te.com

© 2013 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.

7-1773700-6 DTC PDF 03/2013

MTP is a trademark of US Conec Ltd.

TE Connectivity and TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

