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.

TE
connectivity

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

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

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
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		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

Acessories

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	2123610-1
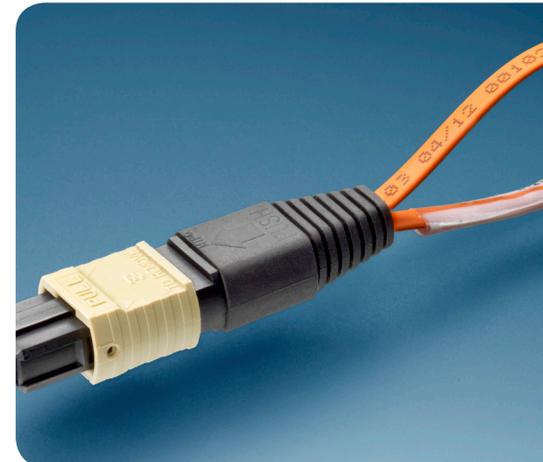
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Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

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