

Standard MPO 12-Port LC Duplex Cassettes

Type C polarity (crossed pairs, pin 1 to pin 2)
MPO input: (1) MPO male pinned receptacle



Fiber Type	OM4	OM4
Adapter Color	Aqua	Violet
Catalog No.	OCLC50G4C	OCLC50G4CVI

Standard MPO 24-Port LC Duplex Cassettes

Type C polarity (crossed pairs, pin 1 to pin 2)
MPO input: (2) MPO male pinned 12-fiber receptacles



Fiber Type	OM4	OM4
Adapter Color	Aqua	Violet
LC Duplex	OCLCD50G4C	OCLCD50G4CVI
LC Quad	OCLCQ50G4C	OCLCQ50G4CVI

Standard MPO 40G to 10G Break-Out Cassettes

MPO input: (1) MPO 8-fiber male pinned receptacle
Output: 4 x 10G LC duplex



Fiber Type	OM4	OM4
Adapter Color	Aqua	Violet
Catalog No.	OCLCD40G8	OCLCD40G8VI



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Standard MPO Legacy SC, ST, and MT-RJ 12-Port Cassettes

Type A polarity (straight through, pin 1 to pin 1) MPO input: (1) MPO male pinned receptacle

Fiber Type	OM4	OM3	OS2
Adapter Color	Aqua	Aqua	Blue
SC Duplex	① OCSC50G4	② OCSC50G	③ OCSCSM
ST Duplex	–	–	OCSTSM
MT-RJ	–	OCRJ50G	–

MPO Channel Polarity and Gender Guidelines for New Installations

Application	Lane Format	Equipment MPO Ports	MPO Trunk Polarity	MPO Trunk Gender	MPO Patch Cord Polarity	MPO Patch Cord Gender
40GBASE-SR4	1 row of 8 fibers	Male	Type B	Male	Type B	Female
100GBASE-SR10	2 rows of 10 fibers	Male	Type A2	Male	Type A2	Female
100GBASE-SR4	1 row of 8 fibers	Male	Type B	Male	Type B	Female
200GBASE-SR4	1 row of 8 fibers	Male	Type B	Male	Type B	Female
400GBASE-SR16	2 rows of 16 fibers	Male	Type A2	Male	Type A2	Female

Note: Type A2 polarity is straight mapping from top row to bottom row. See Technical Section for details on 40G/100G migration from legacy MPO cabling.

Note: See color chart on page G02.