

## High Density MTP/MPO Cassette

The High Density MTP/MPO cassette system is compatible with a 1U 5 slot modular chassis scaling up to 120 discrete fibres in a 1U space. High Density MTP/MPO Cassette Modules provide secure transition between MTP/MPO and LC or SC discrete connectors.

They are used to interconnect MTP/MPO backbones with LC or SC patching. Modular systems allow for rapid deployment of high density data centre infrastructure as well as improved troubleshooting and reconfiguration during moves, adds and changes.



### Features

- Compatible with High Density Modular 5 Slot Chassis
- MTP/MPO standard compliant multifibre connector
- LC (SFF Data Centre standard), SC discrete interface
- OS1/2, OM3, OM4 fibre grades (OM1 and OM2 available)
- 12 and 24 fibre versions
- Polarity A (standard), B or C
- Factory terminated and tested
- High performance zirconia sleeve adaptors
- Rapid Deployment - factory terminated modular system saves installation and reconfiguration time during moves, adds and changes
- MTP/MPO Interface- MTP/MPO components feature superior optical and mechanical properties
- Optimised Performance- low loss MTP/MPO Elite, discrete Premium connectors and OM4 fibre assures low insertion losses and power penalties in tight power budget high speed network environment
- High Density- 5 x fibre cassettes can be mounted in 1U chassis scaling up to 120 discrete fibres in 1U
- Reliability- 100% tested- combination of high quality components and Optonics manufacturing quality control guarantees product to the highest standards

### Ordering Information

MTP® Connector		Fibre Count		Discrete Connector		Fibre Type		HD	Polarity	
MTPM	MTP® Male (standard)	12	12	LC	LC	09	OS1/2			A/C
MTPEM	MTP® Male Elite®	24	24	SC	SC	OM1	OM1		B1 or B2	
						OM2	OM2			
						OM3	OM3			
						OM4	OM4			

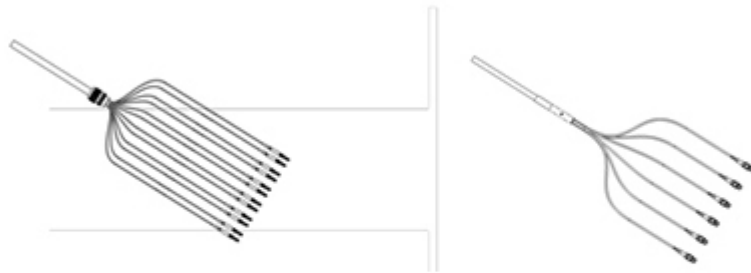
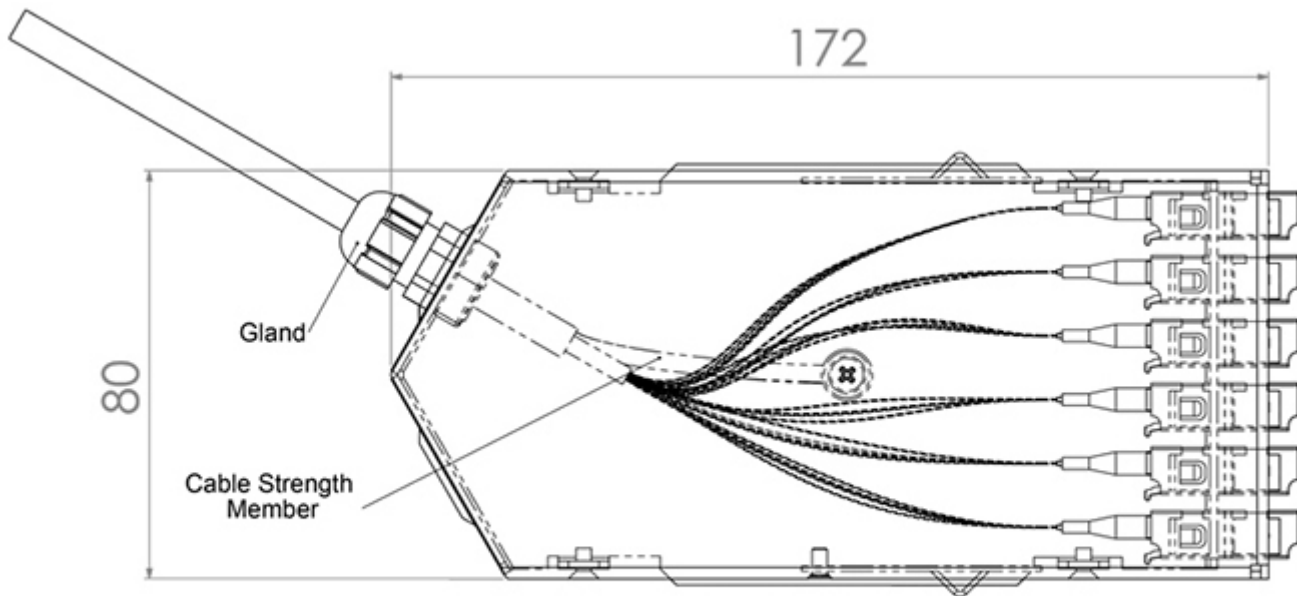
Female available on request \*Polarity B links must contain 2 types of cassette

### Example Part Number

MTPM	24	LC	OM4	HD	
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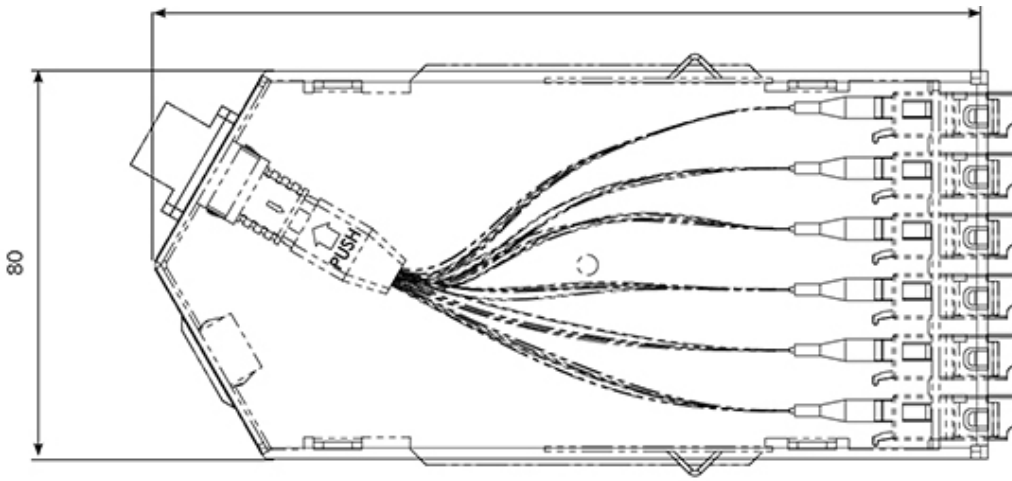
MTPM24LCOM4HD will configure a 24 fibre OM4 cassette with MTP® male rear and LC front interface, polarity method A or C.

### Technical Drawing

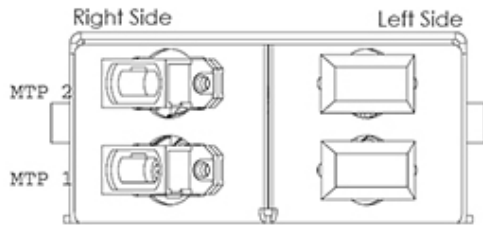


assembly/module technical drawing

Module to



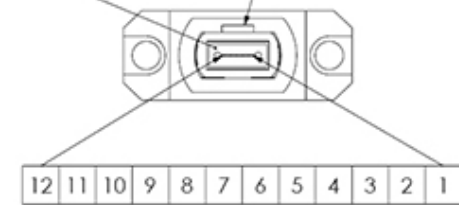
MTP adaptors can be placed on left side or right side



Internal MTP connector

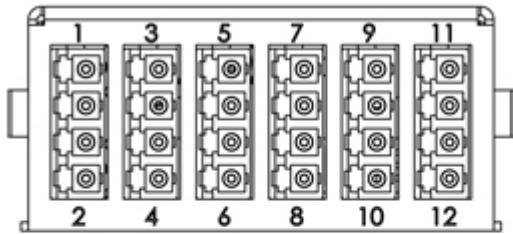
Keyway up - keyway down.

External connector key up.

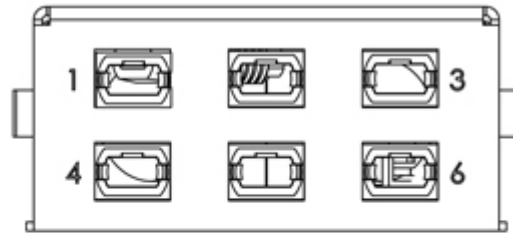


Module to MTP connectivity

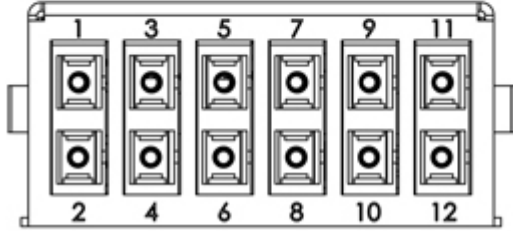
6 x LC Quad Connections



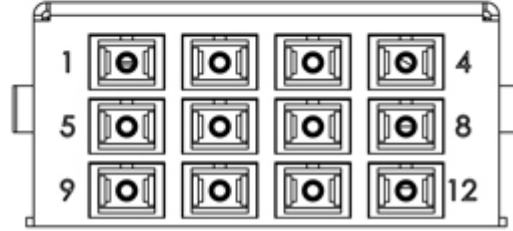
6 x MTP Connections



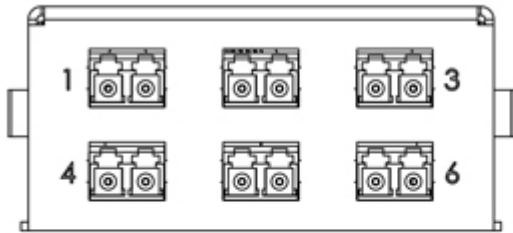
6 x SC Duplex Connections



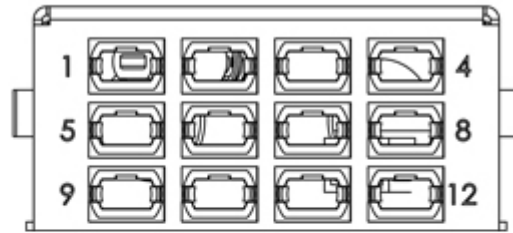
12 x SC Simplex Connections



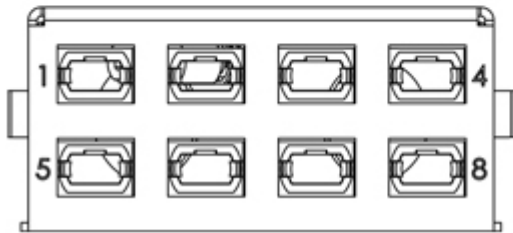
6 x LC Duplex Connections



12 x MTP Connections



8 x MTP Connections



Front connector

options technical drawing