

# ModLink Advanced Fibre Optic Cassettes

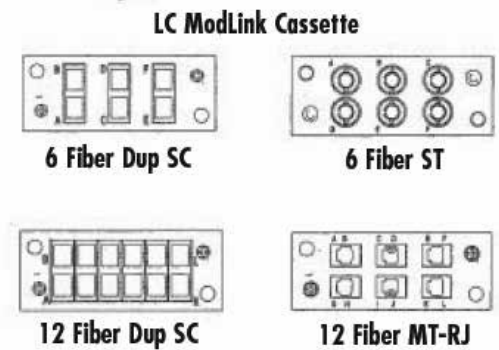


**Molex Plug and Play Advanced Fibre Optic Systems offer premium factory-controlled optical performance, enable flexible system configuration and fast, economical installation.**

ModLink is ideal for mission critical applications such as Data Centres and Storage Area Networks, applications where fast installation is paramount and environments where moves adds and changes are frequent or managed in-house.



ModLink Advanced Fibre Optic Cassettes



## Features and Advantages

Self-contained fiber optic patching enclosures convert the MTP/MPO interface to a standard LC, SC, MT-RJ or ST coupler

Industry-leading low insertion loss for OS1/2, OM3 & and OM4 Cassettes

Cassettes available in 12 and 24 fibre versions

Cassettes may be inserted into any standard or spec grade Molex rack mount or wall mount enclosure

Front port identification plus labeling field on cassette top for fibre documentation

Test results included with every cassette

## Specifications

### REFERENCE INFORMATION

Maximum Insertion Loss

Low Loss Laser Optimized OM3 & OM4:  
0.50 dB/Cassette

OM1 & OM2 Models: 0.90 dB/Cassette

Low Loss OS1/2 Models: 0.50 dB/Cassette

Dimensions: 1.33"H x 3.41"W x 4.1"D

Housing: Aluminum Housing with Black Powder Coat Finish, White Lettering

Push Pins used for mounting in enclosures

Serial Number included for identification

### APPLICATIONS

ModLink systems are designed to support a variety of high-speed network topologies including:

IEEE 802.3 10GBase-SR/SW 10Gbps

IEEE 802.3 10GBase-LX4 10Gbps

Fibre Channel 400-M5-SN-1 4Gbps

Fibre Channel 1200-M5E-SN1 10Gbps

Fibre Channel FC-PH 1Gbps

IEE 802.3ba 40/100Gbps

40GBaseSR4, 40GBaseLR4,

10GBaseSR10, 40GBaseLR10

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# ModLink Advanced Fibre Optic Cassettes



## Ordering Information

Series No.	Front Connector Type	Fibre Type	No. of fibres	Max. Total Cassette Insertion Loss
MLCDSC120S2L	Duplex SC	OS1/2 Singlemode	12	0.50 dB
MLCMTR120S2L	MTRJ	OS1/2 Singlemode	12	0.50 dB
MLCDLC120S2L	Duplex LC	OS1/2 Singlemode	12	0.50 dB
MLCQLC120S2L	Quad LC	OS1/2 Singlemode	12	0.50 dB
MLCDSC120M1	Duplex SC	OM1 62.5µm Multimode	12	0.75 dB
MLCMTR120M1	MT-RJ	OM1 62.5µm Multimode	12	0.75 dB
MLCDLC120M1	Duplex LC	OM1 62.5µm Multimode	12	0.75 dB
MLCQLC120M1	Quad LC	OM1 62.5µm Multimode	12	0.75 dB
MLCDSC120M2	Duplex SC	OM2 50µm Multimode	12	0.75 dB
MLCMTR120M2	MT-RJ	OM2 50µm Multimode	12	0.75 dB
MLCDLC120M2	Duplex LC	OM2 50µm Multimode	12	0.75 dB
MLCQLC120M2	Quad LC	OM2 50µm Multimode	12	0.75 dB
MLCDSC120M3L	Duplex SC	OM3 50µm Multimode	12	0.50dB
MLCMTR120M3L	MTRJ	OM3 50µm Multimode	12	0.50dB
MLCDLC120M3L	Duplex LC	OM3 50µm Multimode	12	0.50dB
MLCDLC120M3L	Duplex LC	OM3 50µm Multimode	12	0.50dB
MLCQLC120M3L	Quad LC	OM3 50µm Multimode	12	0.50dB
MLCQLC240S2L	Quad LC	OS1/2 Singlemode	24	0.75 dB
MLCQLC240M1	Quad LC	OM1 62.5µm Multimode	24	0.75 dB
MLCQLC240M2	Quad LC	OM2 50µm Multimode	24	0.75 dB
MLCQLC240M3L	Quad LC	OM3 50µm Multimode	24	0.50 dB
MLCDSC120M4L	Duplex SC	OM4 50µm Multimode	12	0.50dB
MLCMTR120M4L	MT-RJ	OM4 50µm Multimode	12	0.50dB
MLCDLC120M4L	Duplex SC	OM4 50µm Multimode	12	0.50dB
MLCQLC120M4L	Quad LC	OM4 50µm Multimode	12	0.50dB
MLCQLC240M4L	Quad LC	OM4 50µm Multimode	24	0.50dB
MLCQLC240M4-AQ	Quad LC	OM4 50µm Multimode	24	0.50dB
MLCQLC240M4L-AQ	Quad LC	OM4 50µm Multimode	24	0.75dB
MLCQLC120M4L-AQ	Quad LC	OM4 50µm Multimode	12	0.75dB
MLCQLC120M4-AQ	Quad LC	OM4 50µm Multimode	12	0.50dB
MLCDSC120M4L-AQ	Duplex SC	OM4 50µm Multimode	12	0.75dB
MLCDSC120M4-AQ	Duplex SC	OM4 50µm Multimode	12	0.50dB
MLCDLC120M4L-AQ	Duplex SC	OM4 50µm Multimode	12	0.75dB

Cassettes with "L" suffix denotes Low Insertion Loss construction. Insertion Loss performance specified requires the use of Low Insertion Loss versions of Molex' MTP Cables

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