

# ModLink Advanced Fiber Optic Cassettes >

**Molex Plug and Play Advanced Fiber 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 Centers 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 Fiber 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, OM4 and OM5 Cassettes

Cassettes available in 12 and 24 fiber 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 fiber documentation

## SPECIFICATIONS

### REFERENCE INFORMATION

Maximum Insertion Loss

**Low Loss Laser Optimized OM3, OM4 &**

**OM5:** 0.50 dB/Cassette

**Low Loss OS1/2 Models:** 0.50 dB/Cassette

**Dimensions (HxWxD):**

1.33" x 3.41" x 4.1"

3.34cm x 8.66cm x 10.41cm

**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

Fiber Channel 400-M5-SN-1 4Gbps

Fiber Channel 1200-M5E-SN1 10Gbps

Fiber Channel FC-PH 1Gbps

### POLISHING

**MTP:**

**SM:** APC

**MM:** UPC

**Other:** UPC

[www.molex.com/products/fiber/pre-terminated/](http://www.molex.com/products/fiber/pre-terminated/)

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## ORDERING INFORMATION

Order No.	SAP No.	Type	Description
12 Fiber			
MLCDLC12OM3	Consult Molex	Duplex LC	12-Fiber ModLink Cassette, OM3
MLCDLC12OM4	Consult Molex	Duplex LC	12-Fiber ModLink Cassette, OM4
MLCDLC12OM5	181810244	Duplex LC	12-Fiber ModLink Cassette, OM5
MLCDLC12OS2	Consult Molex	Duplex LC	12-Fiber ModLink Cassette, OS2
MLCDSC12OM3	Consult Molex	Duplex SC	12-Fiber ModLink Cassette, OM3
MLCDSC12OM4	Consult Molex	Duplex SC	12-Fiber ModLink Cassette, OM4
MLCDSC12OM5	181810238	Duplex SC	12-Fiber ModLink Cassette, OM5
MLCDSC12OS2	Consult Molex	Duplex SC	12-Fiber ModLink Cassette, OS2
MLCQLC12OM3	Consult Molex	Quad LC	12-Fiber ModLink Cassette, OM3
MLCQLC12OM4	Consult Molex	Quad LC	12-Fiber ModLink Cassette, OM4
MLCQLC12OM5	181810251	Quad LC	12-Fiber ModLink Cassette, OM5
MLCQLC12OS2	Consult Molex	Quad LC	12-Fiber ModLink Cassette, OS2
12 Fiber - Low-loss			
MLCDLC12OM3L	180370274	Duplex LC	12-Fiber ModLink Cassette, OM3, Low Loss
MLCDLC12OM4L	181810172	Duplex LC	12-Fiber ModLink Cassette, OM4, Low Loss
MLCDLC12OM5L	Consult Molex	Duplex LC	12-Fiber ModLink Cassette, OM5, Low Loss
MLCDLC12OS2L	181810173	Duplex LC	12-Fiber ModLink Cassette, OS2, Low Loss
MLCDSC12OM3L	181810168	Duplex SC	12-Fiber ModLink Cassette, OM3, Low Loss
MLCDSC12OM4L	181810167	Duplex SC	12-Fiber ModLink Cassette, OM4, Low Loss
MLCDSC12OM5L	Consult Molex	Duplex SC	12-Fiber ModLink Cassette, OM5, Low Loss
MLCDSC12OS2L	181810166	Duplex SC	12-Fiber ModLink Cassette, OS2, Low Loss
MLCQLC12OM3L	181810177	Quad LC	12-Fiber ModLink Cassette, OM3, Low Loss
MLCQLC12OM4L	181810176	Quad LC	12-Fiber ModLink Cassette, OM4, Low Loss
MLCQLC12OM5L	Consult Molex	Quad LC	12-Fiber ModLink Cassette, OM5, Low Loss
MLCQLC12OS2L	181810175	Quad LC	12-Fiber ModLink Cassette, OS2, Low Loss
24 Fiber			
MLCQLC24OM3	Consult Molex	Quad LC	24-Fiber ModLink Cassette, 50/125, OM3
MLCQLC24OM4	Consult Molex	Quad LC	24-Fiber ModLink Cassette, 50/125, OM4
MLCQLC24OM5	181810249	Quad LC	24-Fiber ModLink Cassette, 50/125, OM5
MLCQLC24OS2	Consult Molex	Quad LC	24-Fiber ModLink Cassette, 9/125, OS2
24 Fiber			
MLCQLC24OM3L	181810169	Quad LC	24-Fiber ModLink Cassette, 50/125, OM3, Low Loss
MLCQLC24OM4L	181810171	Quad LC	24-Fiber ModLink Cassette, 50/125, OM4, Low Loss
MLCQLC24OM5L	Consult Molex	Quad LC	24-Fiber ModLink Cassette, 50/125, OM5, Low Loss
MLCQLC24OS2L	181810170	Quad LC	24-Fiber ModLink Cassette, 9/125, OS2, Low Loss

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