

MTP*/MPO ADAPTERS AND CABLE ASSEMBLIES

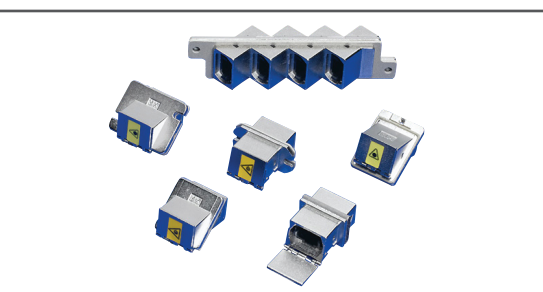
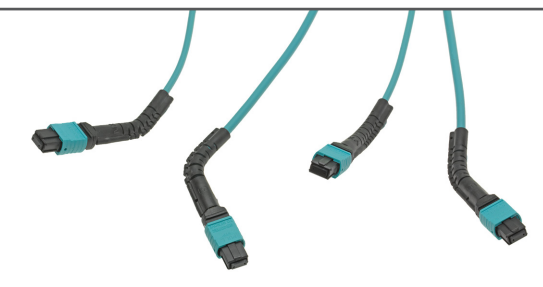
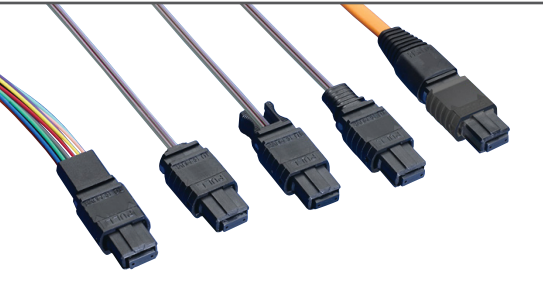


*MTP is a registered trademark of US Conec Ltd.

molex[®]



MTP*/MPO Adapters and Cable Assemblies >



Molex's MTP*/MPO product family offers customers the flexibility needed for interconnecting optical network systems.

Molex's MTP*/MPO product family utilizes push-pull connector housings for quick and reliable connections. A singlemode low-loss version of the MTP/MPO connector is achieved by using precision MT 8-fiber ferrules and guide pins. The superior alignment of the singlemode low-loss MT ferrule yields comparable insertion loss values of the single fiber ceramic ferrules. MTP/MPO connectors meet IEC 1754-7 and TIA/EIA 604-5 standards.

Mating of the MTP/MPO connectors can be achieved by using a variety of MTP/MPO adapters. For applications where EMI is a concern, a series of Molex die cast adapters have been designed to shield and isolate EMI emissions.

Molex's MTP round jacketed ribbon cable assemblies provide easier installation than traditional flat ribbon cables in optical networks. The primary benefit of the round ribbon cable is realized when used with multiple ribbons within a single jacket. Using round ribbon cables allows installers greater flexibility when routing multiple jacketed cables in dense system networks.

Molex's MTP Cabling solutions support various I/O interconnect needs including - QSFP, QSFP+, zQSFP+™, CXP, and CFP. Cable types include OM2, OM3 and OM4 and OS2 for our QSFP AOC pigtail solutions series 106414. Standard and custom cables are available as well for network designs.

Molex also introduces their new FlexiBend™ MTP Connectors for all 12- and 24-fiber MTP round cable applications. Our new flexible MTP boot allows 360° bending access to facilitate simple and no-hassle fiber management, even in the densest of enclosures. Tested to GR-1345 to ensure mechanical robustness, these boots offer up to 25 bends in four different directions - 90, 180, 270 and 360° without losing form or shape and maintains critical bend radius. The FlexiBend MTP™ connectors can be used with any OM2, OM3, OM4 and OS2 round cables that offer a diameter of 3.0mm 12-fiber and 3.8mm 24-fiber.

Applications

Networking

- Data communication centers
- Optical electrical modules
- Optical switch and routers
- PC cards and patch panels
- Parallel optic transceiver interconnection
- Hubs and servers
- Line cards

Features and Benefits – MTP Product Family

- Provides a quick and reliable connection by utilizing a push-pull connector housing
- Die cast adapters that shield and isolate EMI emissions
- Plenum-rated to meet system flammability requirements
- Precision molded singlemode and multimode compatible ferrules that connects four to 72-fibers
- A variety of fiber routing requirements to offer multiple transitions between ribbon cable to individual fibers

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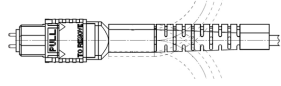
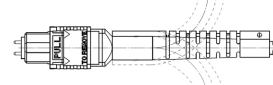
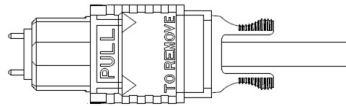
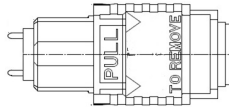
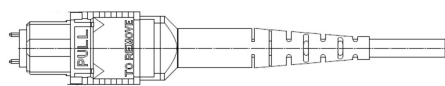
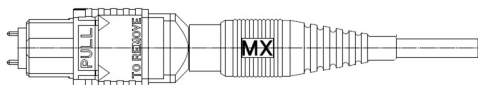
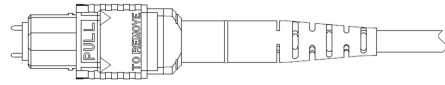
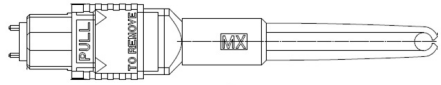
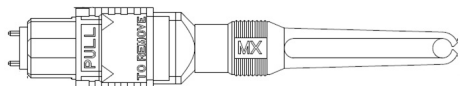
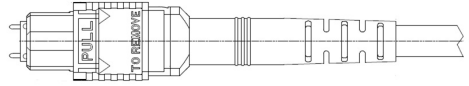
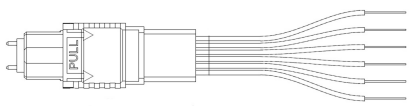
Note: Molex reserves the right to delay or cancel production of the depicted product without additional notice. Please contact your Molex customer service representative for product availability.

www.molex.com/fiber/index.html

MTP*/MPO Adapters and Cable Assemblies

Ordering Information

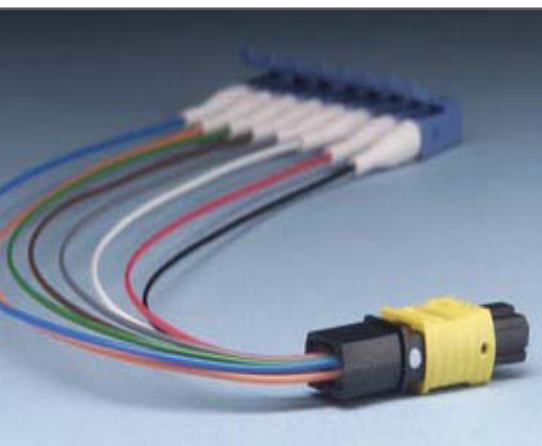
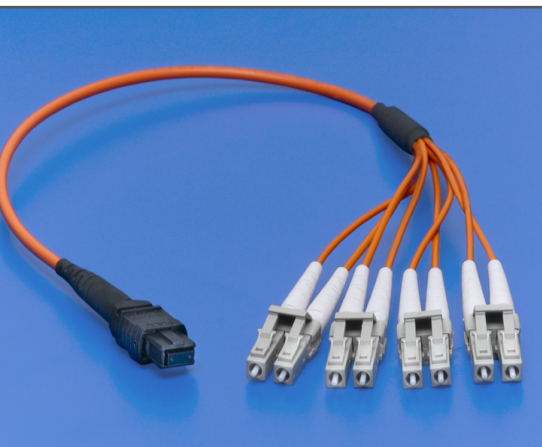
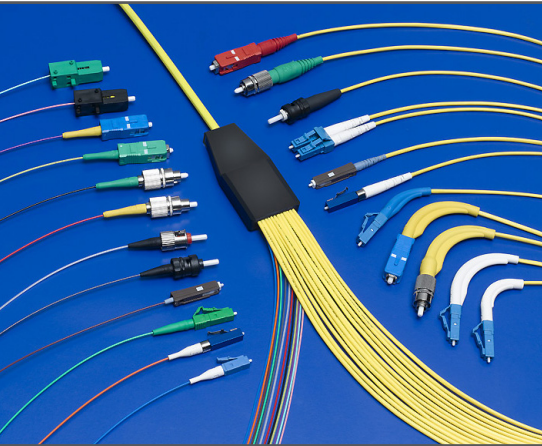
MTP/MPO Cables & Adapters

Order Number	Description	ISO Drawing
106082-1000	MTP Connector Kit with FlexiBend™ Boot, 3mm Round Cable, Male and Female - 12-fiber cable	
106082-1100	MTP Connector Kit with FlexiBend™ Boot, 3.8mm Round Cable, Male and Female - 24-fiber cable	
106081-3250	Short MTP Connector Kit, Male and Female - bare ribbon cable	
106081-2030	MTP Connector with Short Push Spring, Male and Female - bare ribbon cable	
106081-3510	MTP Connector Kit, 3mm Round Cable, Male and Female - 12-fiber cable	
106081-3310	MTP Connector Kit, 3mm Round Cable with Enhanced Strain Relief, Male and Female - 12-fiber cable	
106081-3810	MTP Connector Kit, 3.8mm Round Cable, Male and Female - 24-fiber cable	
106081-3550	MTP Connector Kit, 3mm Round Cable, 90° boot, Male and Female - 12-fiber cable	
106081-3360	MTP Connector Kit, 3mm Round Cable with Enhanced Strain Relief 90° boot, Male and Female - 12-fiber cable	
106081-3255	MTP Housing Kit, 5mm Round Cable - 48-fiber cable	
106085-0000	MTP Breakout Kit, Male and Female	

MTP connectors are sold as part of a terminated cable assembly. Components are not sold separately.

*MTP is a registered trademark of US Conec Ltd.

Optical Break-Out Cable Assemblies >



Achieve up to 80% front panel space savings with multiple break-out cable assembly options

Molex is a leader in providing innovative break-out cable assemblies to meet the high density requirements of the telecommunication and datacommunication industry. The extensive line of break-out boxes, break-out tubes and MTP* break-out assemblies provides customers the flexibility to select the best transition method to meet their specific application while optimizing real-estate space savings.

Version 1: Break-out boxes and tubes break-out boxes and tubes are the traditional method that allows a spliceless transition between ribbon fiber and discrete fibers. The break-out box ensures optical integrity without the use of bulky splice sleeves.

Version 2: The MTP break-out connector eliminates the use of break-out boxes or tubes, resulting in valuable card space savings. The break-out from ribbon fiber to discrete fiber occurs in the crimp area of the standard MTP connector, providing additional flexibility when routing discrete fibers on the line card.

Both versions of break-out assemblies provides up to 80% space savings on the front-panel and can reduce the system costs by up to 25%. For example, up to 12 Small Form-factor (SFF) transceivers mounted on a line card can transition to a single MTP connector mounted on the front panel, versus transitioning to 24 LC connectors or 12 duplex LC connectors.

Molex's extensive line of spliceless single fiber and ribbon fiber cable assemblies provides numerous design options. Break-outs to single-fiber leads terminated with industry standard LC, FC, SC and ST connectors are available to connect with the current installed base of transmitters, receivers and patch panels. Break-outs to ribbon fiber leads terminated to MTP and HBMT™ connectors provide high density panel mount and backplane solutions.

Features and Benefits

- Break-out boxes sized to fiber count ensures minimal size to reduce real estate required for mounting
- Flat or round break-out transition systems allow multiple mounting options
- 900µm Hytrel† discrete fiber leads are ideal for board-level use where minimal size and ease-of routing are critical
- 1.60mm to 3.00mm up-jacketed leads available with Kevlar‡ are ideal for system interconnect where ruggedized leads are required

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††Hytrel and Kevlar are registered trademarks of DuPont

Optical Break-Out Cable Assemblies

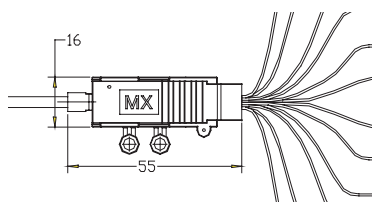
Ordering Information

Order No.	Break-Out Component	No. of Fibers	Ribbon Type	Transition Design	Discrete Fiber Furcation Tube	Dimensions* W x L x H (mm) or Diameter (Ø) x L(mm)
106085-0000	MTP Connector	4 to 12		MPO	900µm	10.00 x 33.00 x 5.70
106000-0061	Standard Box		Bare	Flat Stackable		16.00 x 55.00 x 5.00
106000-0060				Flat without Stacking Tabs		16.00 x 55.00 x 5.00
106000-0062	Jacketed Box		Jacketed	Flat		18.00 x 52.00 x 7.00
106000-0064	Tube		Bare or Jacketed	Round Tube		Ø 7.60 x 22.00
106000-0065			Jacketed		1.60 or 2.00mm	Ø 6.60 to Ø10.70 x 70.00
106000-0065					3.00mm	Ø9.00 to Ø14.70 x 70.00
106000-0065					1.60mm	Ø12.00 x 70.00
106000-0065					2.00mm	Ø15.00 x 70.00
106000-0063	24-Fiber Box	24		Flat	900µm or 1.60mm	28.00 x 61.00 x 8.00

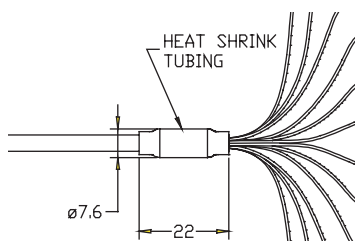
Notes:

- Molex does not sell break-out box components as individual components; they are only sold as part of a terminated jumper or pigtail.

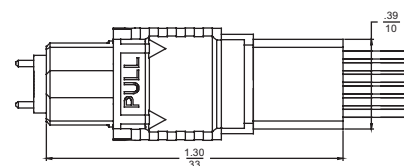
*Dimensions provided are for reference only and are subject to change without notice.



Bare-Ribbon Break-Out Box

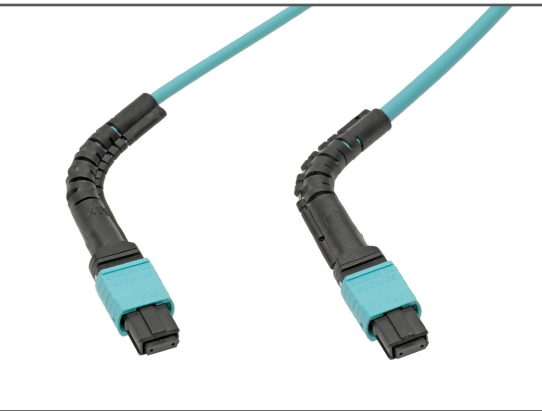


Bare-Ribbon Break-Out Tube



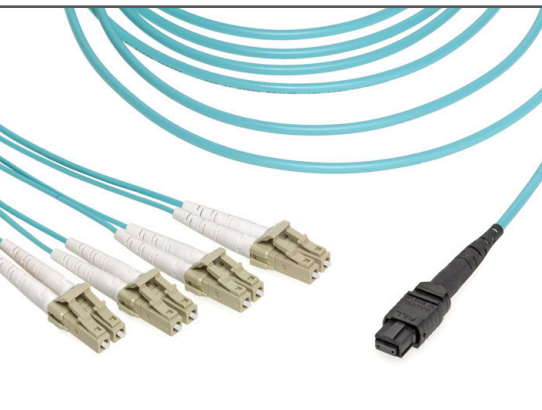
MTP Break-Out Connector

QSFP, CFP and CXP Cable Assemblies >



QSFP, QSFP+ and zQSFP+™ optical cable assemblies use low-profile round cables for improved cable management in high-density applications

Molex Quad Small Form Pluggable (QSFP+) passive optical cable assemblies meet the QSFP+ interface specification. Multiple cable designs provide improved fiber management options depending on the application and distance requirements. MTP* QSFP+ cables are constructed with 12-fiber 3.0mm round cable for short-run interconnect cable assemblies. A robust 4.5mm round cable with 3.1mm sub-units provides exceptional cable flexibility while ensuring cable integrity and improved cable routing for installations that require chassis to be spread out more than 30m. In addition to the standard MTP QSFP+ jumper assemblies, break-out cables and loopback assemblies provide a complete QSFP+ optical solution.



Feature and Benefits

- MTP/MPO QSFP+ connector interface meets QSFP+ SFF-8436 interface specification
- Low-profile round cable provides improved cable management
- Standard, high bandwidth or singlemode cables available

CXP optical cable assemblies offer improved fiber management for connecting CXP transceivers and complete Molex's iPass+™ High-Speed Channel (HSC) CXP Optical System

Molex's low-profile CXP optical 3.80mm/5.4mm round cable assemblies offer improved fiber management over traditional flat cables for connecting CXP transceivers. The CXP optical cable assemblies utilize 24-fibers using industry-standard MTP/MPO connectors, 12 transmit (TX) and 12 receive (RX), cable types include both OM3 and OM4 fiber. This design meets the InfiniBand† bandwidth requirements for CXP modules spaced up to 300.00m (984.25').

Feature and Benefits

- MTP/MPO CXP connector interface meets CXP interface specifications
- Low-profile, round cable design for improved cable management over flat cable, with 360° cable-routing capability

Molex's CFP(C Form-Factor Pluggable) Cable Assemblies for high density 40 Gig and 100 Gigabit Ethernet Applications

Molex's QSFP and CXP cables also support the MSA interface for cabling for the CFP modules utilizing MTP 12- and 24-fiber cables. The CFP optical cable assemblies utilize 12- and 24-fibers using industry-standard MTP/MPO connectors and cable supporting high-bandwidth (OM3/OM4) fiber. This design meets the Ethernet bandwidth requirements for CFP modules.



*MTP is a registered trademark of US Conec Ltd.

†InfiniBand is a trademark of the InfiniBand Trade Association

Quad Small Form-factor Pluggable Plus (QSFP+)

Cable Performance Specifications

Fiber Type*	Overfilled Launched Bandwidth (MHz-km)	1 Gigabit Ethernet Link Distance, Min (m)	10 Gigabit Ethernet Link Distance, Min. (m)	40 and 100Gigabit Ethernet Link Distance, Min. (m)
	850nm/1300nm	850nm/1300nm	850nm/1300nm	850nm/1300nm
OM2	500/500	600/600	86(850nm)	No Requirement
OM3	1500/500	900/550	300(850nm)	100 (850nm)
OM4	3500/500	1100/550	550(850nm)	125(850nm)
OS2(SM)	No Requirement	5000 (1300nm)	10000(1300nm)	10KM/40KM(1310/1550nm)

*Distances are Industry standard averages and are subject to various transmission issues such as glass quality and device performance.

Ordering Information — QSFP, CXP and CFP Cables

Please note that additional lengths, styles and custom cables are available from the factory.
Please contact your local Molex Sales Engineer for more details.

QSFP Cable Family

Jumpers		12-Fiber Assemblies	
Part Number	Length	Cable Type	Description
106283-1003	3.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-1005	5.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-1010	10.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-1025	25.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-1050 [†]	50.0m	OM3	QSFP Jumper Cable, OFNP, 4.5mm Cable
106283-1100 [†]	100.0m	OM3	QSFP Jumper Cable, OFNP, 4.5 mm Cable
106283-7003	3.0m	OM4	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-7005	5.0m	OM4	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-7010	10.0m	OM4	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-7025	25.0m	OM4	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-7050 [†]	50.0m	OM4	QSFP Jumper Cable, OFNP, 4.5mm Cable
106283-7100 [†]	100.0m	OM4	QSFP Jumper Cable, OFNP, 4.5 mm Cable
106260-0102	3.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable - FlexiBend™ Boot
106260-0103	5.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable - FlexiBend™ Boot
106260-0104	10.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable - FlexiBend™ Boot
106260-0105	25.0m	OM3	QSFP Jumper Cable, OFNP, 3.0mm Cable - FlexiBend™ Boot
106260-0106 [†]	50.0m	OM3	QSFP Jumper Cable, OFNP, 4.5mm Cable - FlexiBend™ Boot
106260-0107 [†]	100.0m	OM3	QSFP Jumper Cable, OFNP, 4.5mm Cable - FlexiBend™ Boot
106283-4003	3.0m	OS2 SM	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-4005	5.0m	OS2 SM	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-4010	10.0m	OS2 SM	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-4013	25.0m	OS2 SM	QSFP Jumper Cable, OFNP, 3.0mm Cable
106283-4018 [†]	50.0m	OS2 SM	QSFP Jumper Cable, OFNP, 4.5mm Cable
106283-4028 [†]	100.0m	OS2 SM	QSFP Jumper Cable, OFNP, 4.5mm Cable

[†]Cables longer than 30M will be supplied with 4.5mm ruggedized jacketed fiber

Breakout- MTP to LCD[‡]

Part Number	Length	Cable Type	Description
106283-5102	3.0m	OM3	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-5103	5.0m	OM3	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-5104	10.0m	OM3	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-5403	3.0m	OM4	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-5404	5.0m	OM4	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-5405	10.0m	OM4	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-8087	3.0m	OS2(SM)	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-8088	5.0m	OS2(SM)	QSFP to SFP Breakout Cable, OFNP, 3.0m
106283-8089	10.0m	OS2(SM)	QSFP to SFP Breakout Cable, OFNP, 3.0m

[‡]Breakout Cables Available with FlexiBend™ MTP[§] Connector - please consult factory for details

Loopback

106005-1100	N/A	OM3	QSFP MM Loopback - 50/125μm Fiber - OM3
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[§]MTP is a registered trademark of US Conec Ltd.

Quad Small Form-factor Pluggable Plus (QSFP+)

CFP

CFP OPTICAL CABLE ASSEMBLY 12-FIBER			
PN	Length	Cable Type	Description
106283-9001	1.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9003	3.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9005	5.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9010	10.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9020	20.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9025	25.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9050*	50.0m	OM3	CFP Jumper Cable, OFNP, 4.5mm Cable
106283-9075*	75.0m	OM3	CFP Jumper Cable, OFNP, 4.5mm Cable
106283-9100*	100.0m	OM3	CFP Jumper Cable, OFNP, 4.5mm Cable
PN	Length	Cable Type	Description
106283-9201	1.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9203	3.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9205	5.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9210	10.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9220	20.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9225	25.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106283-9250*	50.0m	OM4	CFP Jumper Cable, OFNP, 4.5mm Cable
106283-9275*	75.0m	OM4	CFP Jumper Cable, OFNP, 4.5mm Cable
106283-9300*	100.0m	OM4	CFP Jumper Cable, OFNP, 4.5mm Cable

*Cables longer than 30.0m will be supplied with 4.5mm ruggedized jacketed fiber

CFP OPTICAL CABLE ASSEMBLY 24-Fiber			
PN	Length	Cable Type	Description
106284-9001	1.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9003	3.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9005	5.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9010	10.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9020	20.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9025	25.0m	OM3	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9050†	50.0m	OM3	CFP Jumper Cable, OFNP, 4.5mm Cable
106284-9075†	75.0m	OM3	CFP Jumper Cable, OFNP, 4.5mm Cable
106284-9100†	100.0m	OM3	CFP Jumper Cable, OFNP, 4.5mm Cable
PN	Length	Cable Type	Description
106284-9201	1.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9203	3.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9205	5.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9210	10.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9220	20.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9225	25.0m	OM4	CFP Jumper Cable, OFNP, 3.0mm Cable
106284-9250†	50.0m	OM4	CFP Jumper Cable, OFNP, 4.5mm Cable
106284-9275†	75.0m	OM4	CFP Jumper Cable, OFNP, 4.5mm Cable
106284-9300†	100.0m	OM4	CFP Jumper Cable, OFNP, 4.5mm Cable

†Cables longer than 30.0m will be supplied with 4.5mm ruggedized jacketed fiber

Quad Small Form-factor ➤ Pluggable Plus (QSFP+)

CFP — continued

CFP FLEXIBEND™ BOOT OPTICAL CABLE ASSEMBLY 12-FIBER			
PN	Length	Cable Type	
106260-0201	1.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0203	3.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0205	5.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0210	10.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0220	20.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0225	25.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0250*	50.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0275*	75.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0300*	100.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
PN	Length	Cable Type	
106260-0401	1.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0403	3.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0405	5.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0410	10.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0420	20.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0425	25.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0450*	50.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0475*	75.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0500*	100.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable

*Cables longer than 30.0m will be supplied with 4.5mm ruggedized jacketed fiber

CFP FLEXIBEND™ BOOT OPTICAL CABLE ASSEMBLY 24-FIBER			
PN	Length	Cable Type	
106260-0601	1.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0603	3.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0605	5.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0610	10.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0620	20.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0625	25.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0650†	50.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0675†	75.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0700†	100.0m	OM3	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
PN	Length	Cable Type	
106260-0801	1.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0803	3.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0805	5.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0810	10.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0820	20.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0825	25.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 3.0mm Cable
106260-0850†	50.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0875†	75.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable
106260-0900†	100.0m	OM4	CFP Jumper Cable, FlexiBend™ Boots, OFNP, 4.5mm Cable

†Cables longer than 30.0m will be supplied with 4.5mm ruggedized jacketed fiber

Quad Small Form-factor Pluggable Plus (QSFP+)

CXP

CXP Cable Family	24-Fiber Assemblies		
Jumpers			
Part Number	Length	Cable Type	Description
106284-1003	3.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-1005	5.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-1010	10.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-1025	25.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-1050*	50.0m	OM3	CXP Jumper Cable, OFNP, 5.4mm Cable
106284-1100*	100.0m	OM3	CXP Jumper Cable, OFNP, 5.4mm Cable
106284-7003	3.0m	OM4	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-7005	5.0m	OM4	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-7010	10.0m	OM4	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-7025	25.0m	OM4	CXP Jumper Cable, OFNP, 3.8mm Cable
106284-7050*	50.0m	OM4	CXP Jumper Cable, OFNP, 5.4mm Cable
106284-7100*	100.0m	OM4	CXP Jumper Cable, OFNP, 5.4mm Cable
106260-0109	3.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable – FlexiBend™ Boot
106260-0110	5.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable – FlexiBend™ Boot
106260-0111	10.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable – FlexiBend™ Boot
106260-0112	25.0m	OM3	CXP Jumper Cable, OFNP, 3.8mm Cable – FlexiBend™ Boot
106260-0113*	50.0m	OM3	CXP Jumper Cable, OFNP, 5.4mm Cable – FlexiBend™ Boot
106260-0114*	100.0m	OM3	CXP Jumper Cable, OFNP, 5.4mm Cable – FlexiBend™ Boot

*Cables longer than 30.0m will be supplied with 4.5mm ruggedized jacketed fiber

Breakout- MTP to LCD†			
Part Number	Length	Cable Type	Description
106284-5102	3.0m	OM3	CXP to SFP Breakout Cable, OFNP, 3.8mm
106284-5103	5.0m	OM3	CXP to SFP Breakout Cable, OFNP, 3.8mm
106284-5104	10.0m	OM3	CXP to SFP Breakout Cable, OFNP, 3.8mm
106284-5402	3.0m	OM4	CXP to SFP Breakout Cable, OFNP, 3.8mm
106284-5403	5.0m	OM4	CXP to SFP Breakout Cable, OFNP, 3.8mm
106284-5404	10.0m	OM4	CXP to SFP Breakout Cable, OFNP, 3.8mm
106284-3003	3.0m	OM2	CXP to QSFP Breakout Cable, OFNP, 3.8mm
106284-3005	5.0m	OM2	CXP to QSFP Breakout Cable, OFNP, 3.8mm
106284-3503	3.0m	OM3	CXP to QSFP Breakout Cable, OFNP, 3.8mm
106284-3505	5.0m	OM3	CXP to QSFP Breakout Cable, OFNP, 3.8mm
106284-7503	3.0m	OM4	CXP to QSFP Breakout Cable, OFNP, 3.8mm
106284-7505	5.0m	OM4	CXP to QSFP Breakout Cable, OFNP, 3.8mm

†Breakout Cables Available with FlexiBend™ MTP† Connector - please consult factory for details

Loopback			
106005-1602	N/A	OM3	CXP MM Loopback – 50/125µm Fiber – OM3
106284-7000	NA	OM3	CXP MM Loopback – 50/125µm Fiber – OM3 (Jumper Version)

Get more insights at: www.molex.com/fiber/index.html