

MTP/MPO Harnesses fiber cable patch cord

Description

Hiphotonics's The single-mode and multimode MPO products are multi fiber connectors used in high-density backplane and Printed Circuit Board (PCB) applications in data and telecommunications system. The MPO connector offers up to 12 times the density of standard connectors, providing significant space and cost savings.

MPO patch cord utilize precision molded MT ferrules, with metal guide pins and precise housing dimensions to ensure fiber alignment when mating. The MPO can be mass terminated in combination of 4,8,12 or 24 fibers. MTP/MPO multi-fiber trunk cables are usually in mini-round cables and ribbon cables, with fanout kits broken down into 2~24 fiber 0.9mm or 2.0mm tails with connector LC, SC, ST, FC, etc. Cable total length, fanout length, connector type are customized.

Features

- Precision molded MT ferrule
- High precision guide pins for exact alignment
- Compact design, up to 4,8,12,24 fibers
- IEC 61754-7 Compliant
- Telcordia GR-1435-CORE Compliant

Application

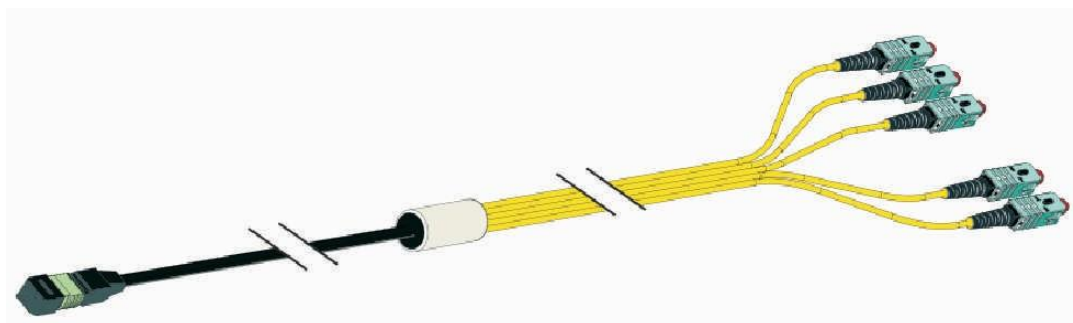
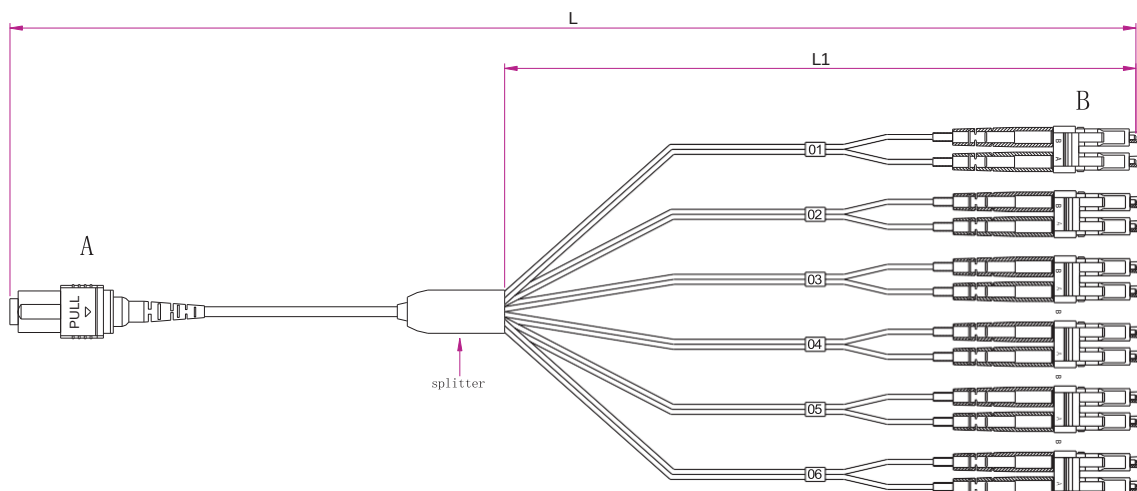
- Asynchronous Transmission Mode (ATM)
- Gigabit Ethernet
- Active Device /Transceiver Interface
- CATV, Video and Multimedia
- Premise Installations
- Telecommunication Networks
- Parallel optical interconnect between PC Cards and patch panels
- Interconnection for O/E modules
- Industrial & Military
- Optical Switch interframe connections

Specifications

Fiber Connector	SM		MM	
	IL in dB at 1310	RL in dB at 1310	IL in dB at 850	RL in dB at 850
MTP/PC	/	/	≤0.35	≥35
MTP/APC	≤0.35	≥50	/	/
MPO/PC	/	/	≤0.60	≥25
MPO/APC	≤0.70	≥50	/	/
LC, SC, FC, ST/PC	≤0.30	≥50	≤0.20	≥35
LC, SC, FC/APC	≤0.30	≥60	/	/



Drawing



Ordering Information

Product Description : <u>MTP/F/PC</u> - <u>LC/UPC/DX</u> - <u>OM3</u> - <u>12B</u> - <u>B2.0</u> - <u>1.5M/0.6M</u> - <u>LSZH</u> - <u>Aqua</u> - <u>A</u>									
	1	2	3	4	5	6	7	8	9
1 - Connector A	MTP/F/PC: MTP Female, PC polish; MTP/F/APC: MTP Female, APC polish; MTP/M/PC: MTP Male, PC polish; MTP/M/APC: MTP Male, APC polish;								
2 - Connector B	LC/UPC/DX; LC/APC/DX; LC/UPC/SX; LC/APC/SX; LCP/UPC; LCP/APC; SC/UPC/DX; SC/APC/DX; SC/UPC/SX; SC/APC/SX; FC/UPC; FC/APC; ST/UPC								
3 - Fiber Mode	Om1, OM2, OM3, OM4, OS2, G657A1								
4 - Fiber Count& Type	12R: 12F Ribbon; 12BR: 12F Bare Ribbon; 12B: 12F Mini Round Cable								
5 - Fanout Type	B2.0: 2.0 fan-out with splitter kit;								
6 - Length	1.5M/0.6M: Cable total length1.5M, fan-out length 0.6M, etc.								
7 - Cable Jacket Materials	LSZH								
8 - Cable Jacket Color	Aqua (OM3, OM4) Orange (OM1, OM2), Yellow (SM)								
9 - Polarity	A: Type A; B: Type B; C: Type C								
Note:	1. MTP polishing according to industrial standard: SM-APC polishing, MM-PC polishing 2. MTP connector housing color: SM-Yellow, OM1/OM2-Beige, OM3/OM4-Aqua.								