

MPO Patch Cord



Description

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.

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



Applications

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

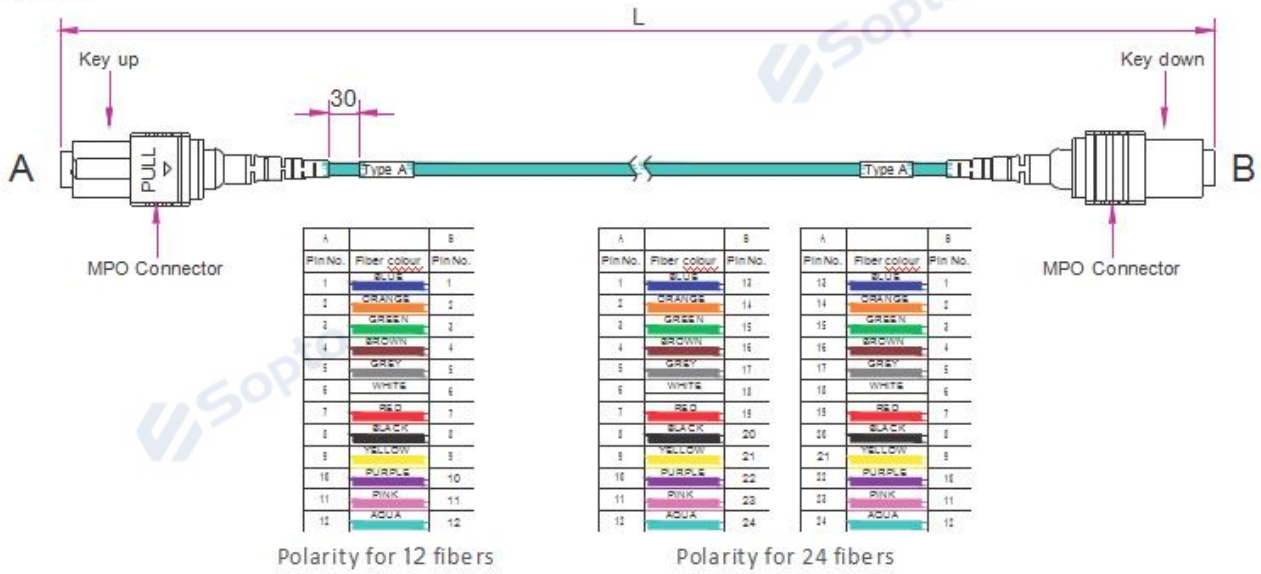


Specifications

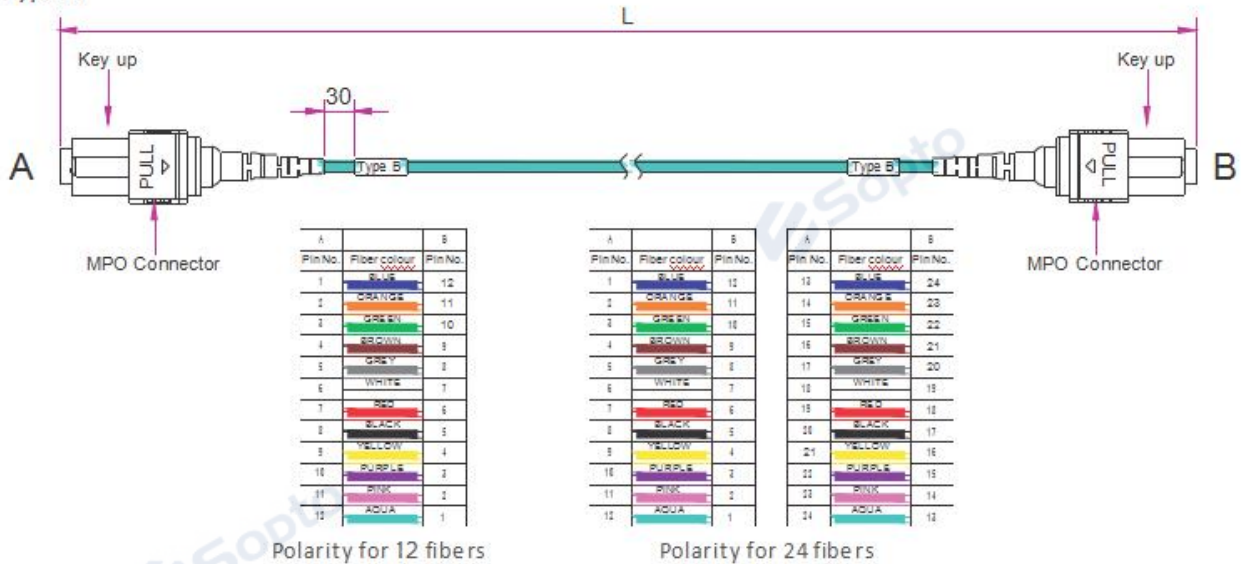
Type	Wavelength	I.L. Max	R.L.Min
MPO/PC(MM)	850nm/1300nm	0.60dB	25dB
MPO/APC(SM)	1310nm/1550nm	0.70dB	50dB

Drawing

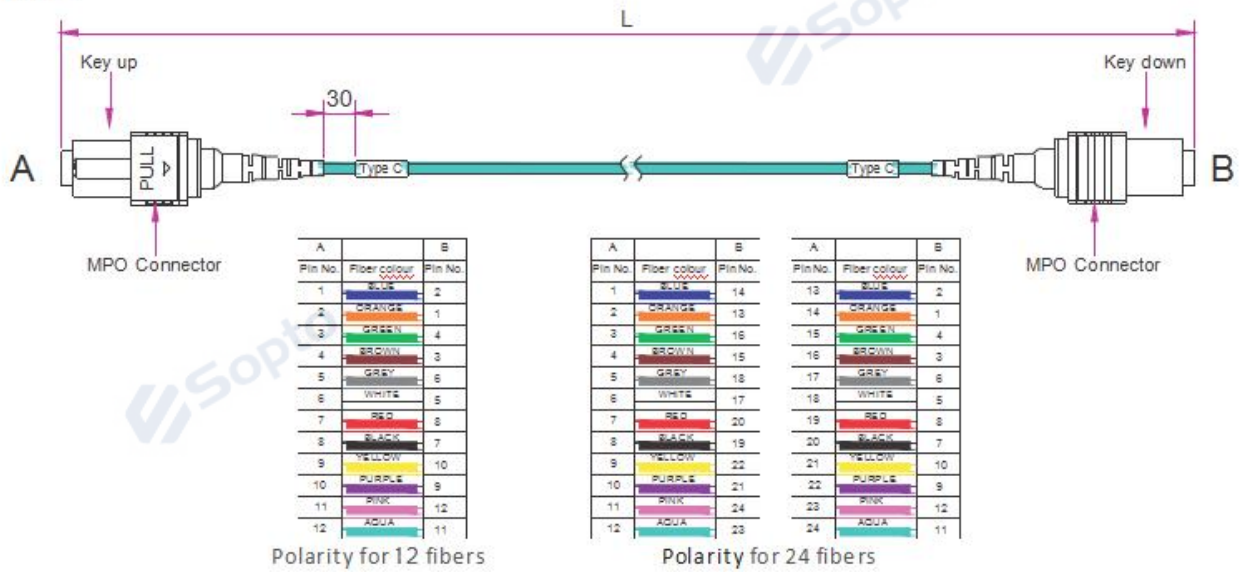
● Type A



● Type B



● Type C



Ordering information

Product Description	SPP-MPOM - MPOM - AA - 12D - 3HA
	1 2 3 4 5 6 7 8 9
1 - Connector A	MPOF: MPO Female; MPOM: MPO Male
2 - Connector B	MPOF: MPO Female; MPOM: MPO Male
3 - Endface A	P: PC polish; A: APC polish
4 - Endface B	P: PC polish; A: APC polish
5 - Fiber Count	12: 12 Cores; 8: 8 Cores ; 24: 24 Cores
6 - Fiber Mode	M1: OM1; M2: OM2; M3: OM3; M4: OM4; D: G.652D; A1: G657.A1
7 - Length	3 : Cable total length 3M ; etc
8 - Cable Jacket Materials	H:LSZH
9 - Polarity	A: Type A; B: Type B; C: Type C
Fiber Type& Diameter	Default: Mini Round Cable 3.0mm
Cable Jacket Color	Default: Aqua (OM3,OM4) Orange (OM1,OM2) , Yellow (SM)

- Note: 1. MPO-MPO patch cord standard polarity is “Type A” unless specified otherwise.
 2. MPO polishing according to industrial standard: SM-APC polishing, or PC polishing
 3. MPO connector housing color: SM-Yellow, OM1/OM2-Beige, OM3/OM4-Aqua.
 4. If you need more customized services, please contact us.

E-mail: sales@sopto.com

Web : <http://www.sopto.com>