

MPO/MTP PATCHCORD

MPOM Series

Product Description

Oplink's MPO/MTP multi-fiber cabling system is ideally suited for a high density environment that demands space saving and innovative cable management solutions. MPO/MTP supports various connections from multi-fiber to single-fiber out. We also offer various other MPO/MTP products such as MPO/MTP cassettes, modules and enclosures. These cassettes provide secure transition between MPO/MTP and LC or SC connections.

With our highly integrated design and manufacturing capability, Oplink can also provide customized products to help customer for better opportunities. Our modules and patchcords are 100% tested at our factory to deliver optimal performance and reliability. Oplink's MTP/MPO patchcords are Telcordia GR-1435 compliant and also complies with industry green initiative.



Features

- ◆ Improves and simplifies fiber routing
- ◆ Decreases fiber management space
- ◆ OEM or customized for special applications
- ◆ Low insertion loss and reflectance
- ◆ High Density

Applications

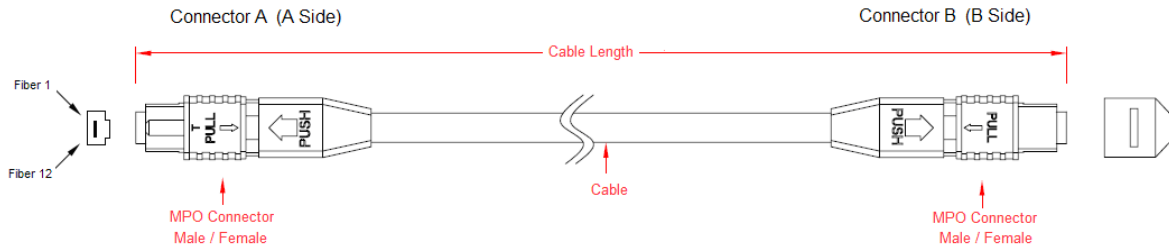
- ◆ Optical System Access Network
- ◆ Telecommunications networks
- ◆ Broadband/CATV networks
- ◆ Data communications networks, including high-bandwidth equipment

Product Specifications

Parameters		Min.	Typical	Max.	Unit.
Operating Wavelength	Single Mode	1310		1620	nm
	Multi-mode	850		1310	
MPO Insertion Loss	Single Mode			0.6	dB
	Single Mode Low Loss		0.3	0.35	
	Multi-mode			0.75	
Return Loss	Single Mode	50			dB
	Multi-mode	30			
Operating Temperature		- 40		+ 70	°C
Fiber Type	Single Mode Fiber	SMF-28			
	Multi-mode Fier	50/125µm, 62.5/125µm			
Cable Jacket Type	Ribbon	LSZH			
Cable Jacket Color	Yellow	G652 and G657 Single mode fiber			
	Orange	OM1/OM2 Multi-mode fiber			
	Aqua	OM3/OM4 fiber			
Flammability Rating		IEC-60332-1, IEC-61034, IEC-60754-1 and 2			

Note: IL only test in room temperature.

Mechanical Drawing



Bare Fiber Color

No.	8 Ribbon Fiber	No.	12 Ribbon Fiber	No.	24 Ribbon Fiber
1	Blue	1	Blue	1/13	Blue
2	Orange	2	Orange	2/14	Orange
3	Green	3	Green	3/15	Green
4	Brown	4	Brown	4/16	Brown
5	Gray	5	Gray	5/17	Gray
6	White	6	White	6/18	White
7	Red	7	Red	7/19	Red
8	Black	8	Black	8/20	Black
		9	Yellow	9/21	Yellow
		10	Violet	10/22	Violet
		11	Pink	11/23	Pink
		12	Aqua	12/24	Aqua

Cable Jacket Color: SMF: Yellow, MMF OM1/OM2: Orange, MMF OM3/OM4: Aqua

Ordering Information

