

## Product Description :

MTP/MPO fiber optic patch cords are with MTP/MPO fiber optic connectors. The MTP/MPO fiber optic patch cords are used in Ribbon type multi fiber assemblies. Unlike simplex or duplex, there are several fiberglass connections in one MTP/MPO fiber optic patch cord, for example, 4 fiber, 8 fiber, 12 fiber, etc. Typical MTP/MPO fiber optic patch cord assemblies like MTP/MPO to 8 LC, MTP/MPO to 12 MT-RJ, etc. MTP/MPO fiber optic patch cords are also available by single mode and multimode, PC and APC polish.

## MTP/MPO Trunk Cables

### Features

Low insertion and High return loss	Good exchangeability
High temperature stability	Good durability

### Applications

Optic-fiber Communication Systems	Optic-fiber Data Communications	LAN
Optic-fiber Access Networks	Test Equipment	FTTH
Telecommunication networks	Optic-fiber CATV	Test Lab
Local Area Networks(LANs)		



## Specification

Type	Single mode(APC polish)		Single mode(PC polish)		Multi-mode(PC polish)	
Fiber count	4,8,12,24 etc.		4,8,12,24 etc.		4,8,12,24 etc.	
Fiber	G652D,G657A1 etc.		G652D,G657A1 etc.		OM1,OM2,OM3 etc.	
Insertion Loss	Low Loss	Standard	Low Loss	Standard	Low Loss	Standard
	≤0.35dB	≤0.70dB	≤0.35dB	≤0.70dB	≤0.35dB	≤0.50dB
Return Loss	≥55dB		≥45dB		≥20dB	
Durability	≥200 times		≥200 times		≥200 times	
Operating Temperature	-40°C~+80°C		-40°C~+80°C		-40°C~+80°C	
Test Wavelength	1310nm		1310nm		1850nm	

## Ordering Information

- Supply SM,MM, Simplex connector
- Supply 12,24,36,48,72,96,144 cores connector
- MPO male pin and pull tab available ( SM or MM )
- Can customize MT-MT Patch Cord as customer requirements



## MPO Harness Cables

### Features

8-12 core fiber available	Low IL & Standard IL available
High density, small volume, easy management	Round cable, oval cable and bare ribbon options available
Can customize connection method as QSFP requirements	

### Applications

Telecommunication networks	Cabling system
High Density optical laser	Optic-fiber Data Communications

### Specification

MPO connector	SM		MM	
	Standard	Elite	Standard	Elite
Insertion loss	<0.70dB	<0.35dB	<0.60dB	<0.35dB
Return loss	> 60dB		> 35dB	
Fiber diameter	9/125um		50/125um、62.5/125um、OM3	
Insert- pull test	500times < 0.5 dB			
Operation temperature	-40°C ~ +80°C			
SC,LC,FC,ST	SM		MM	
Insertion loss	<0.15dB		<0.15dB	
Return loss	UPC > 45dB, APC > 60dB		> 25dB	
Fiber diameter	9/125um		50/125um、62.5/125um、OM3	
Insert- pull test	500times < 0.5 dB			
Operation temperature	-40°C ~ +80°C			



## Ordering Information

- 1) Supply SM,MM, Simplex connector
- 2) Supply 4,8,12,24 cores connector
- 3) MPO male pin available ( SM or MM )
- 4) Customized fiber sequence and fan-out are available



## MPO/MTP Cassettes

### Features

Cable array in the cassette can be AB/BA	Cable array in the cassette can be AB/AB
MPO trunk lines connecting port is fixed on the back of cassette	Can be installed in various Modules Type ODF
Easy to be installed , moved and updated	

### Applications

High density cable wiring system	Truck network system
High integrated equipment and devices	Data Center and SAN System

### Ordering Information

MPO Module	MPO/PC/APC	SC or LC	SM, MM, OM3 8, 12 , 24CORES
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### For More Information

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