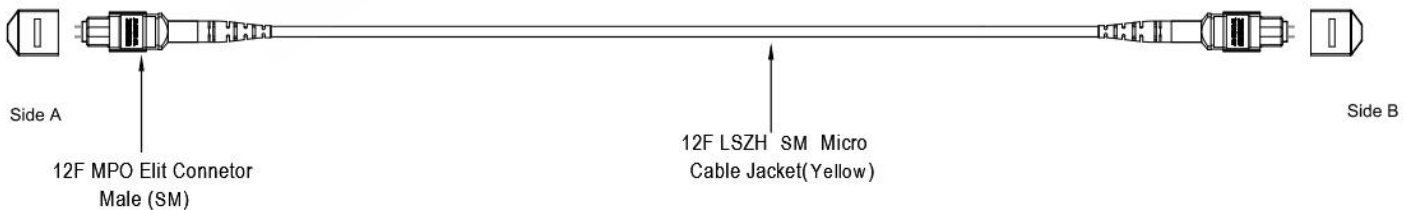


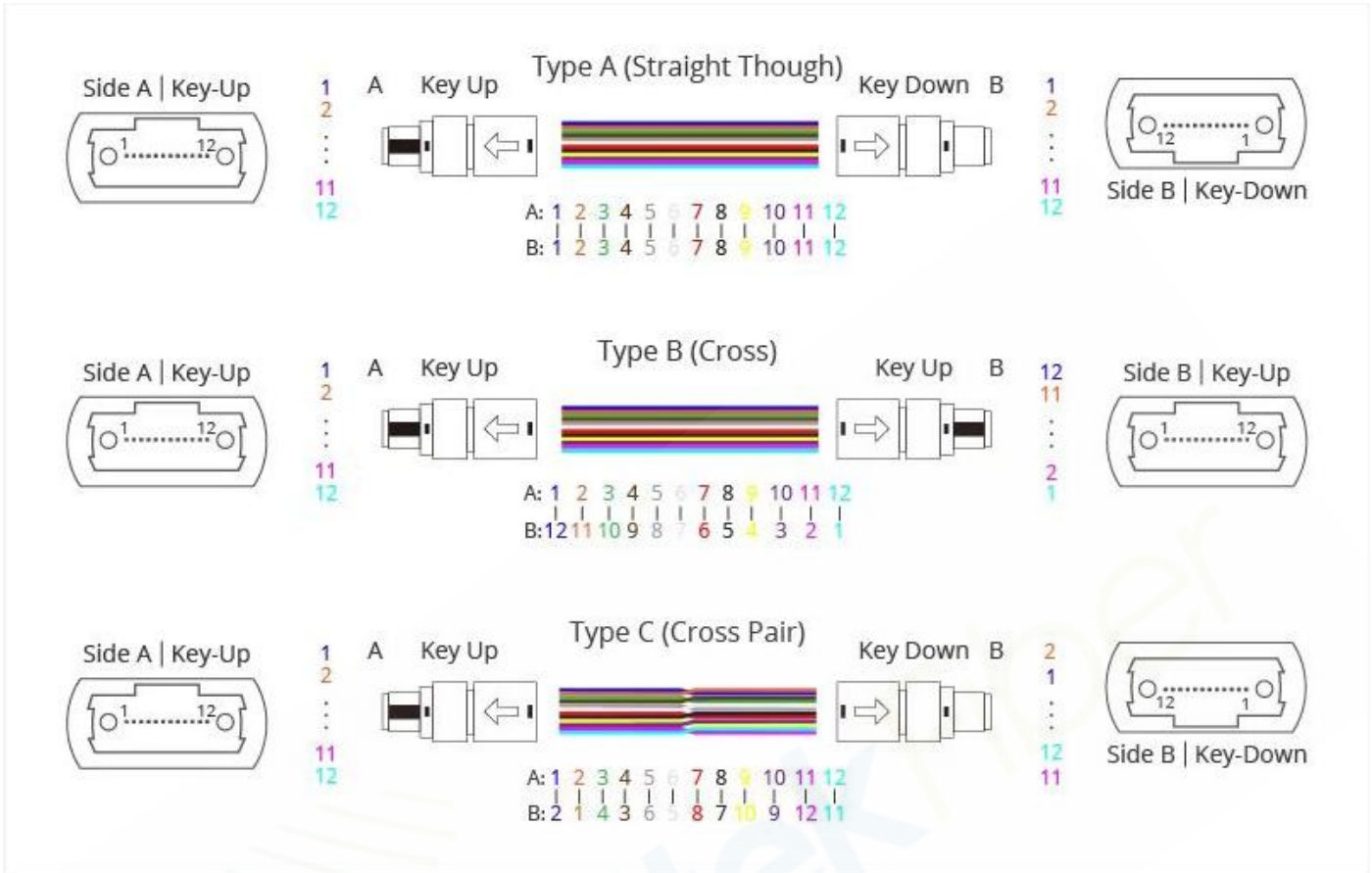
MTP MPO Fiber Cable|MPO MTP Fiber Patch Cord 12cores Single Mode OS2 Fiber

MPO-MPO Cable

MTP trunk cable, a cost-effective alternative to time-consuming field termination, is designed for high-density fiber patching in data centers which need space saving and reduce cable management troubles.



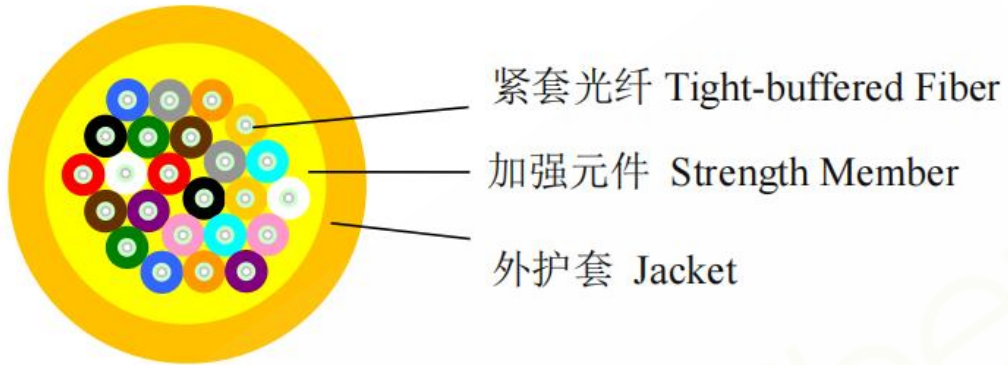
MPO Polarity



Connector Technical Parameter

Model	SM
Table 1: MPO UPC :	
Connector Fiber Count	12 Cores
Connector:	MPO UPC /SM
Radius Long:	≥2000mm or ≤-10000mm
Radius Short:	≥50mm
Angle Long:	0°±0.2°
Angle Short:	8°±0.2°
Fiber Height:	1100nm~2500nm
Differential Height:	≤500nm
Different Adjacent Fiber Height:	≤300nm
IL: Elite Low Loss	<0.3dB
RL:	≥55dB
IR Test wavelength:	1310nm&1550nm

Cable Structure Diagram



Fiber Attenuation

Fiber type	Attenuation				OFL bandwidth	Effective modal bandwidth	10Gigabit Ethernet SX	Min bend radius
	1310/1550nm		850/1300nm		850/1300nm	850nm	850nm	/
Condition	Typical	Maximum	Typical	Maximum				
Unit	db/km	db/km	db/km	db/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22	0.5/0.4	...	...	...	...	...	16
G657A1	0.36/0.22	0.5/0.4	...	...	...	...	...	10
G657A2	0.36/0.22	0.5/0.4	...	...	...	...	...	7.5
50/125	...	...	3.0/1.0	3.5/1.5	≥500/500	...	...	7.5
62.5/125	...	...	3.0/1.0	3.5/1.5	≥200/500	...	...	30
BI-OM3	...	...	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	7.5
BI-OM4	...	...	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤500	7.5
BI-OM5	...	...	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	7.5

Cable Dimensions and Constructions

Items		Descriptions
Optical Fiber	Fiber count	12
	Color	Optical Fiber Chromatography
Strength Member	Material	Aramid yarn
Sheath	Material	LSZH
	Color	Customize according to customer
	Diameter	2.9±0.10mm

Mechanical and Environmental Characteristics

Items		Descriptions	
Tensile Strength		short-term	150N
		long-term	80N
Crush Resistance		short-term	500N/100mm
		long-term	100 N/100mm
Temperature Range		- 2 0 C+ 6 0 C	
Bending Radius	Dynamic	≥20D	
	Static	≥10D	

Packing According to customer request.

Delivery Length

Standard Reel Length:0.5-2.0 km. ; According to customer request.

Marking

Cable Marker every Meter by

- Year of manufacture
- Type of Cable
- Number of fiber
- Cable length
- Etc

According to customer or our company request .