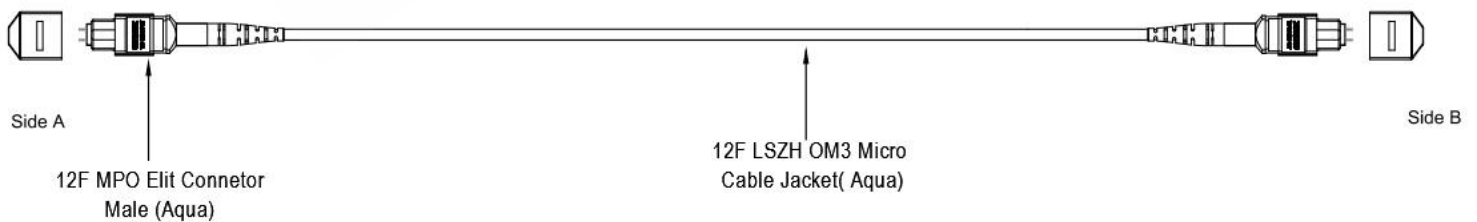


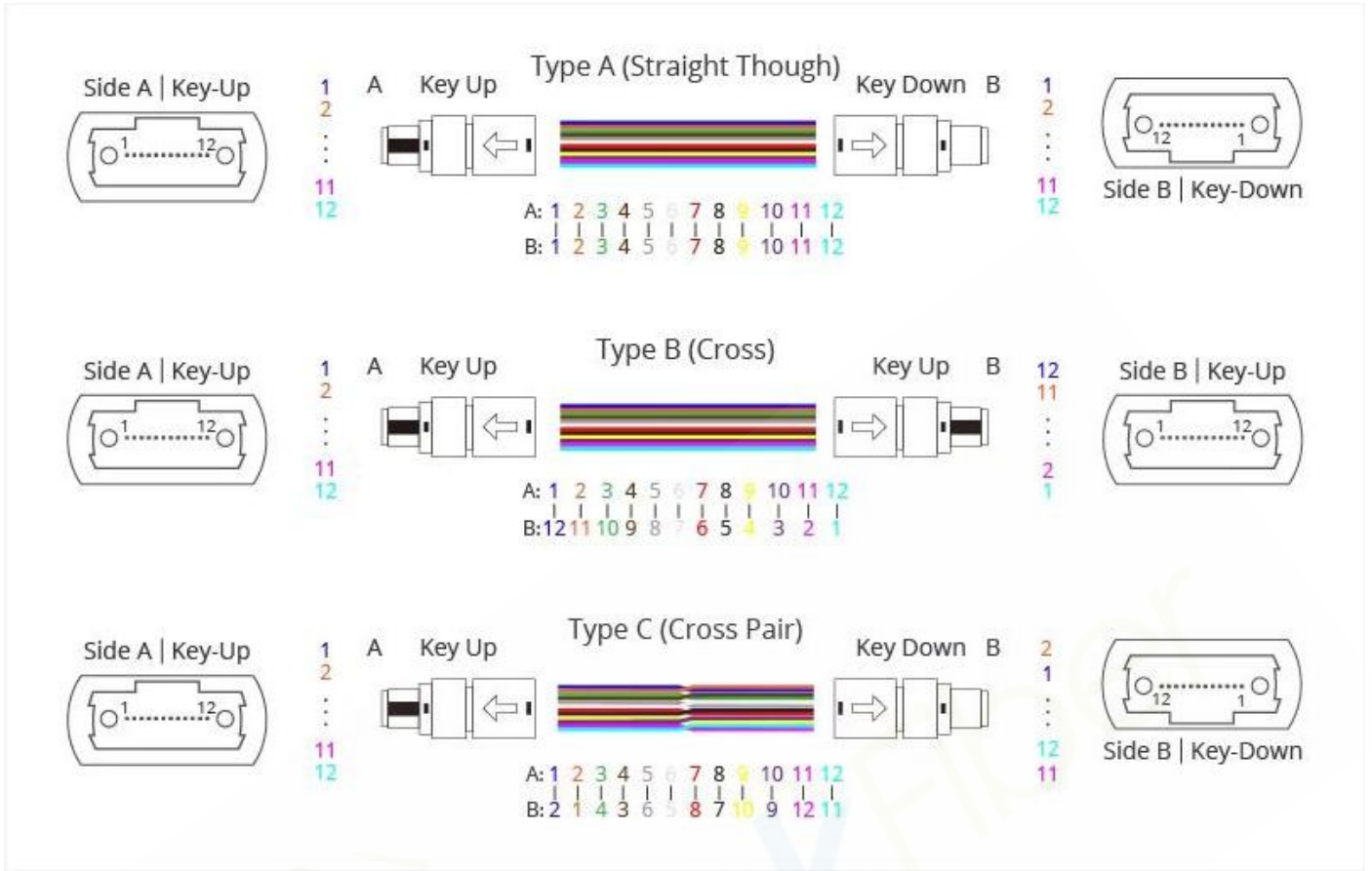
MTP MPO Fiber Cable|Indoor Fiber Optic Patch Cable 8F 12F Multimode OM3 1M 3M LSZH

MPO -MPO Cable

MPO 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

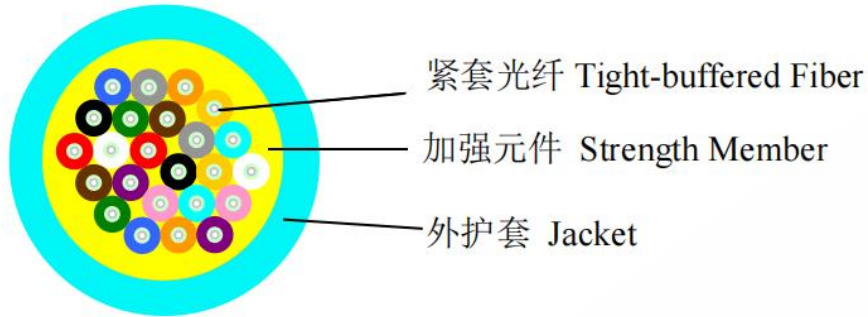


Connector Technical Parameter

Model		MM
Connector A:MPO UPC		
Connector Fiber Count		12 Cores
Polish		MPO UPC /MM
Insertion Loss	Standard	≤0.50dB
	Elite Low Loss	<0.3dB
Return Loss		≥25dB
Durability(500 Matings)		≤0.2dB
Test Wavelength		850/1300nm
Connector B:MPO UPC		
Polish		MPO UPC /MM
Insertion Loss		<0.3dB
Return Loss		≥25dB
Durability(500 Matings)		≤0.2dB
Test Wavelength		850/1300nm
Radius Long:		≥2000mm or ≤-10000mm
Radius Short:		≥50mm
Fiber Height:		1100nm~2500nm
Differential Height:		≤500nm

Different Adjacent Fiber Height:	≤300nm
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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
Fiber count	12

Shenzhen UnitekFiber Solution Limited

Optical Fiber	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 .