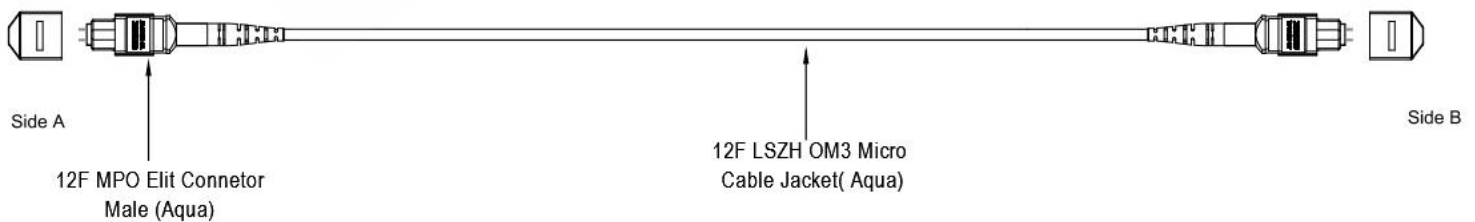


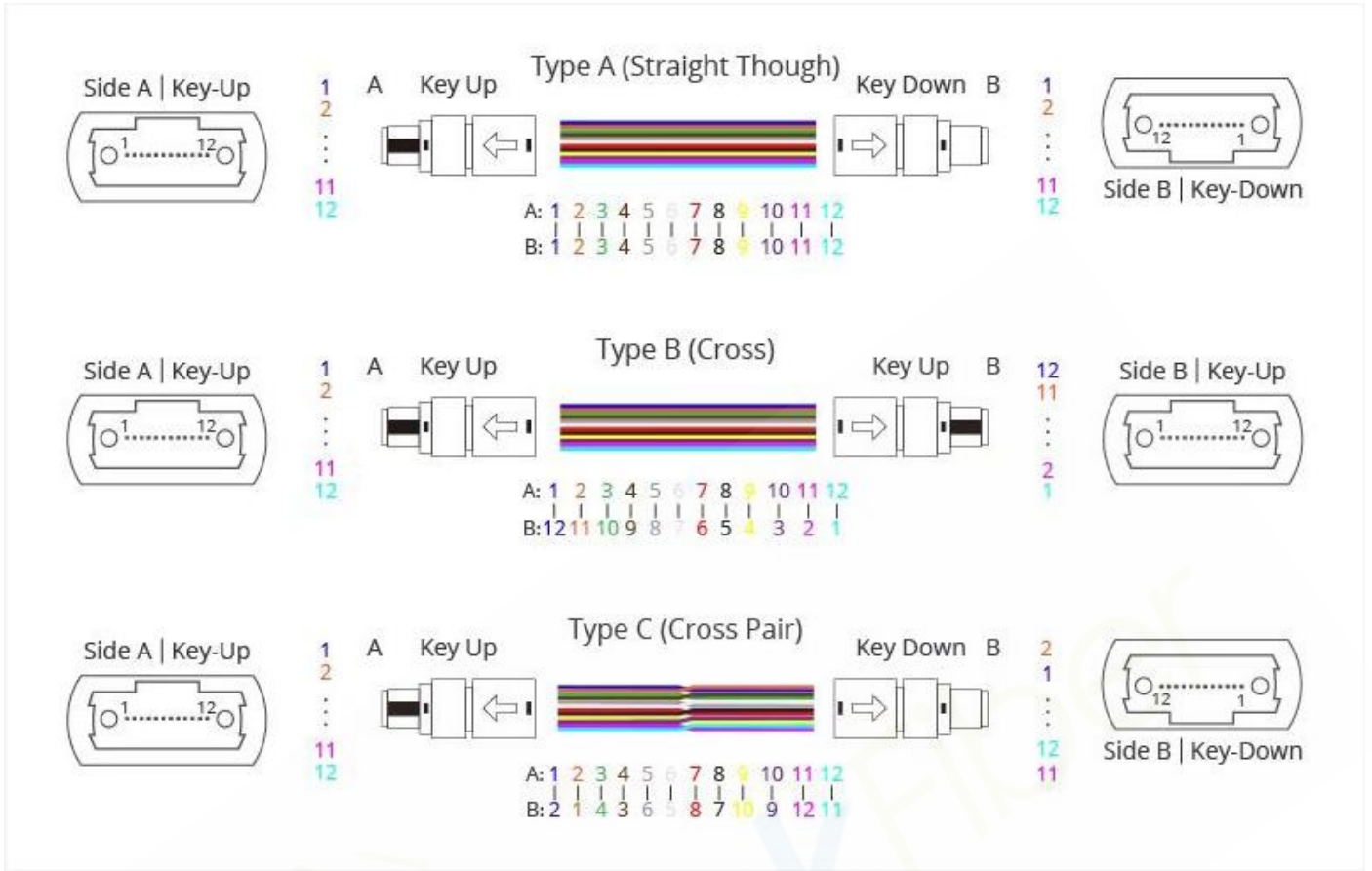
# MTP MPO Fiber Cable|High Density MTP MPO Cable OM3 12C MM Type A/B/C 3.0mm LSZH

## 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

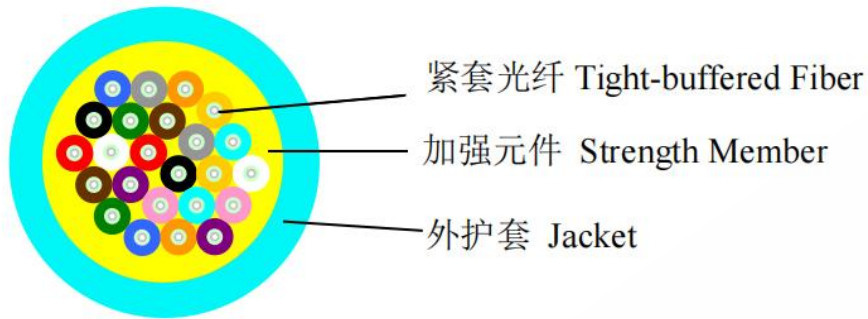


## Connector Technical Parameter

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 .