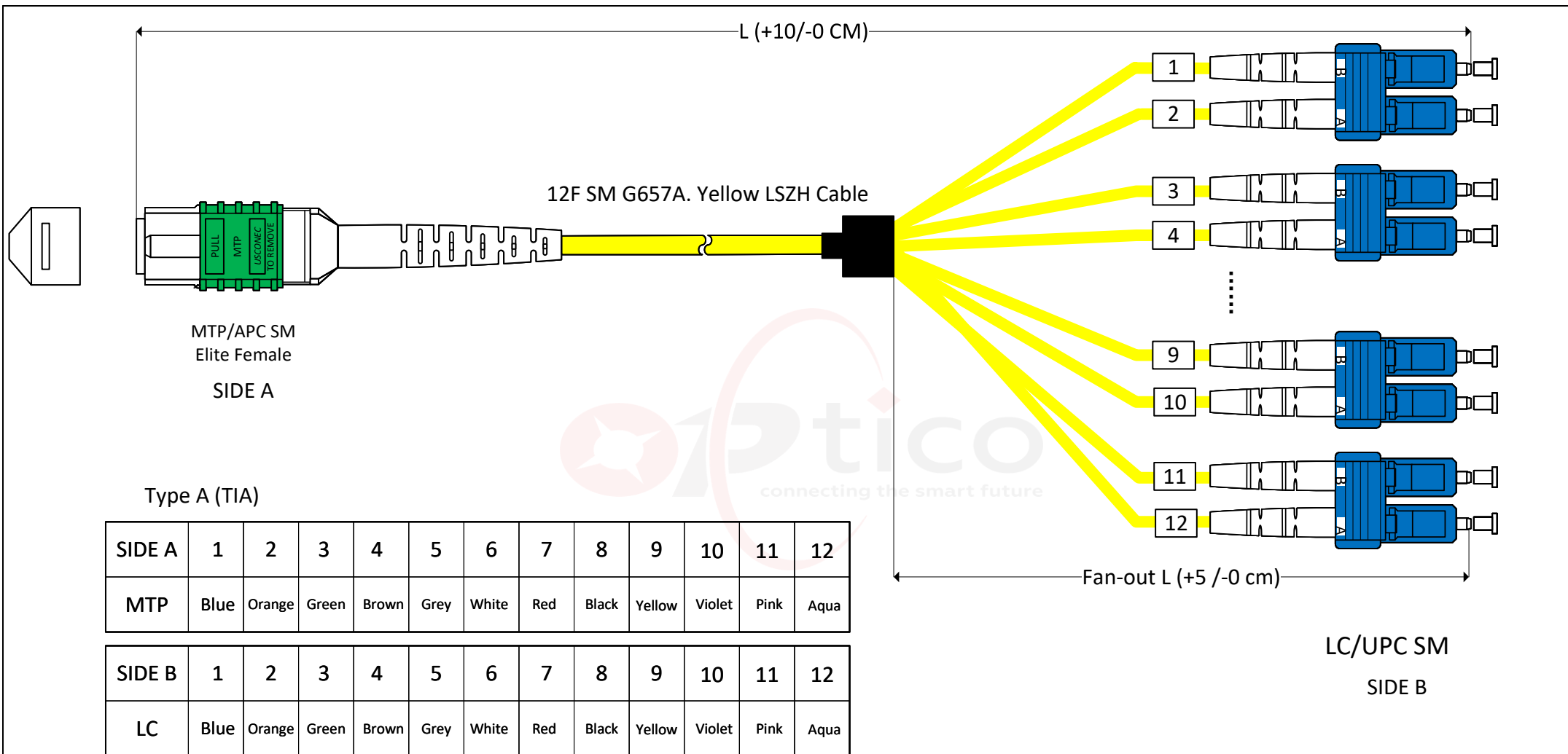




Specification:

1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;

LC $\leq 0.25\text{dB}$.

2.Return Loss: $\geq 65\text{dB}$

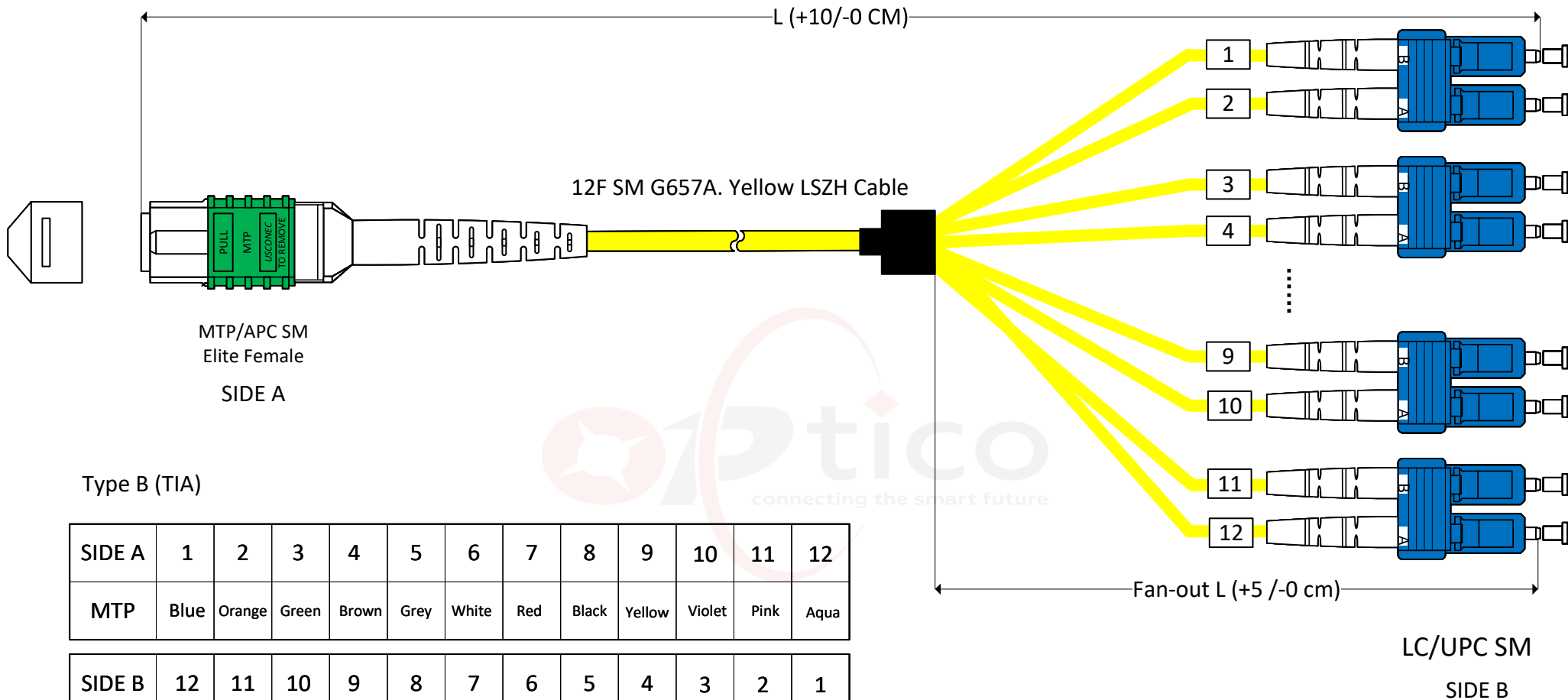
3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

SHENZHEN OPTICO COMMUNICATION CO., LTD.											
Model	12F MTPAPC Female-LCUPC Type A SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable							O-12F-MTPFALCU-SM-A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN		XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED		Michael Liu	DATE	2025.04.25	
						APPROVED		STEVEN Zhang	DATE	2025.04.25	



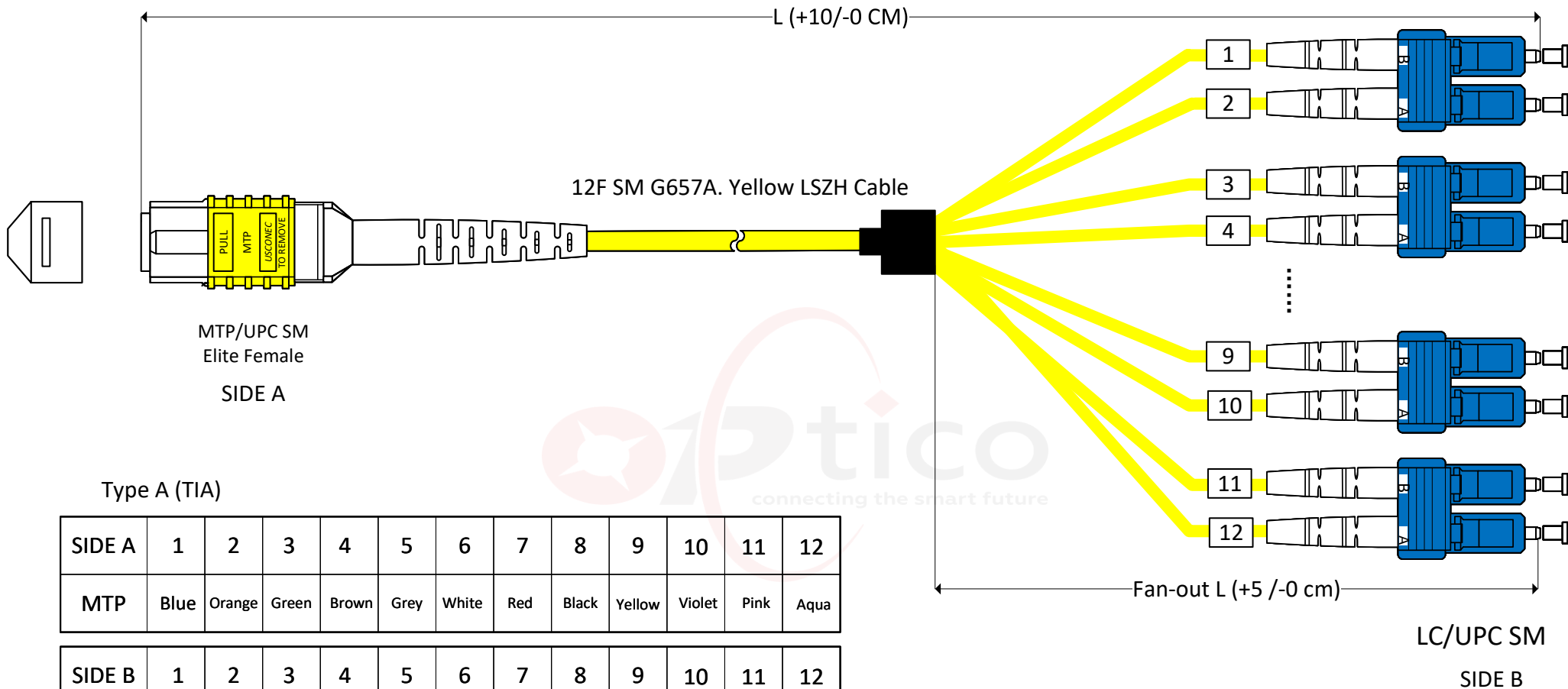
Specification:

- Low Loss IL: $\leq 0.35\text{dB}$; Ultra Loss: $\leq 0.25\text{dB}$;
LC $\leq 0.25\text{dB}$.
- Return Loss: $\geq 65\text{dB}$
- Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPAPC Female-LCUPC Type B SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable						OP-12F-MTPFALCU-FP-SM-B		
FIRST ANGLE PROJECTION	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25
						APPROVED	STEVEN Zhang	DATE	2025.04.25



Specification:

1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;

LC $\leq 0.25\text{dB}$.

2.Return Loss: $\geq 60\text{dB}$

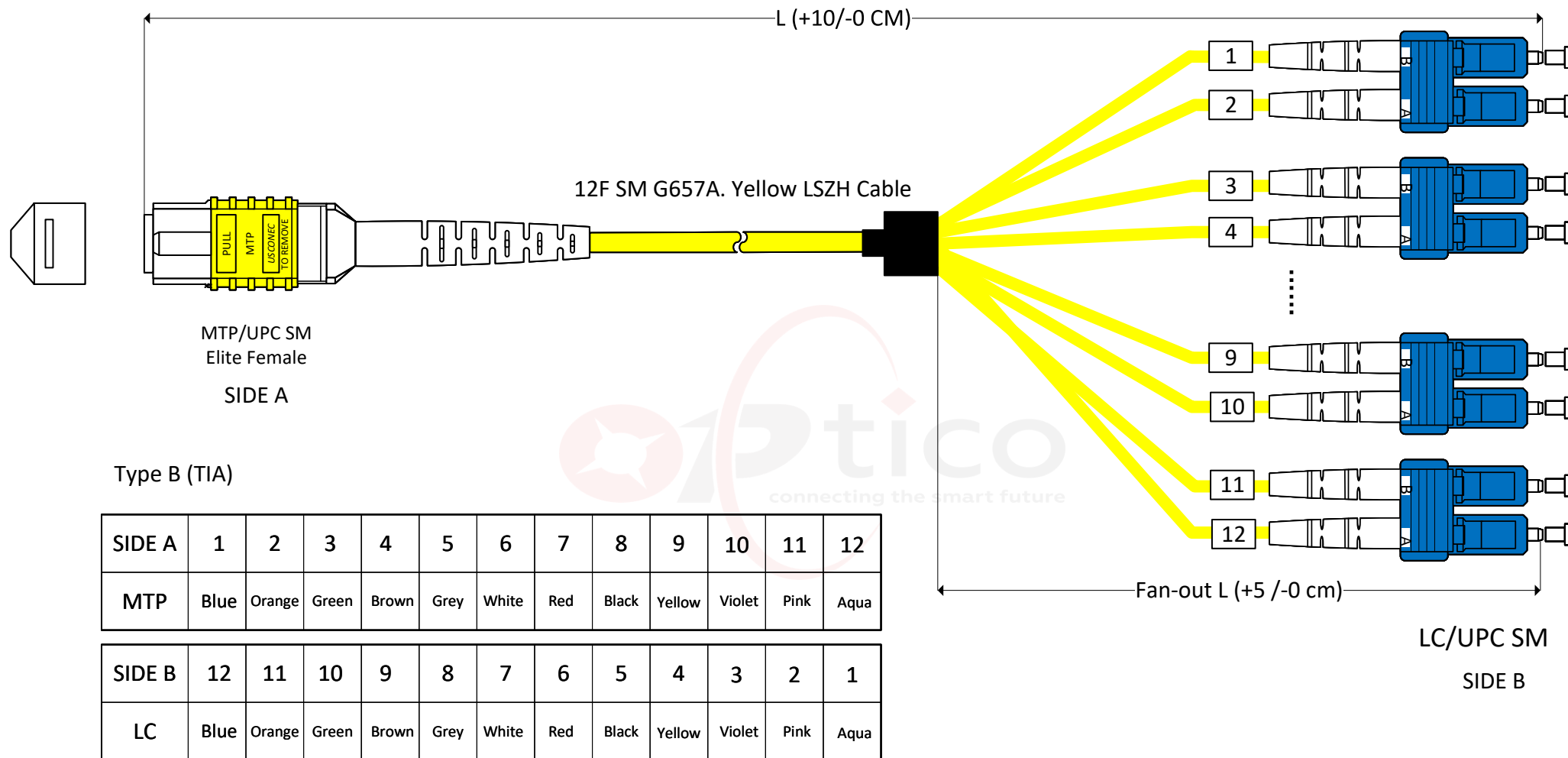
3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type A SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable						OP-12F-MTPFLCU-SM-A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



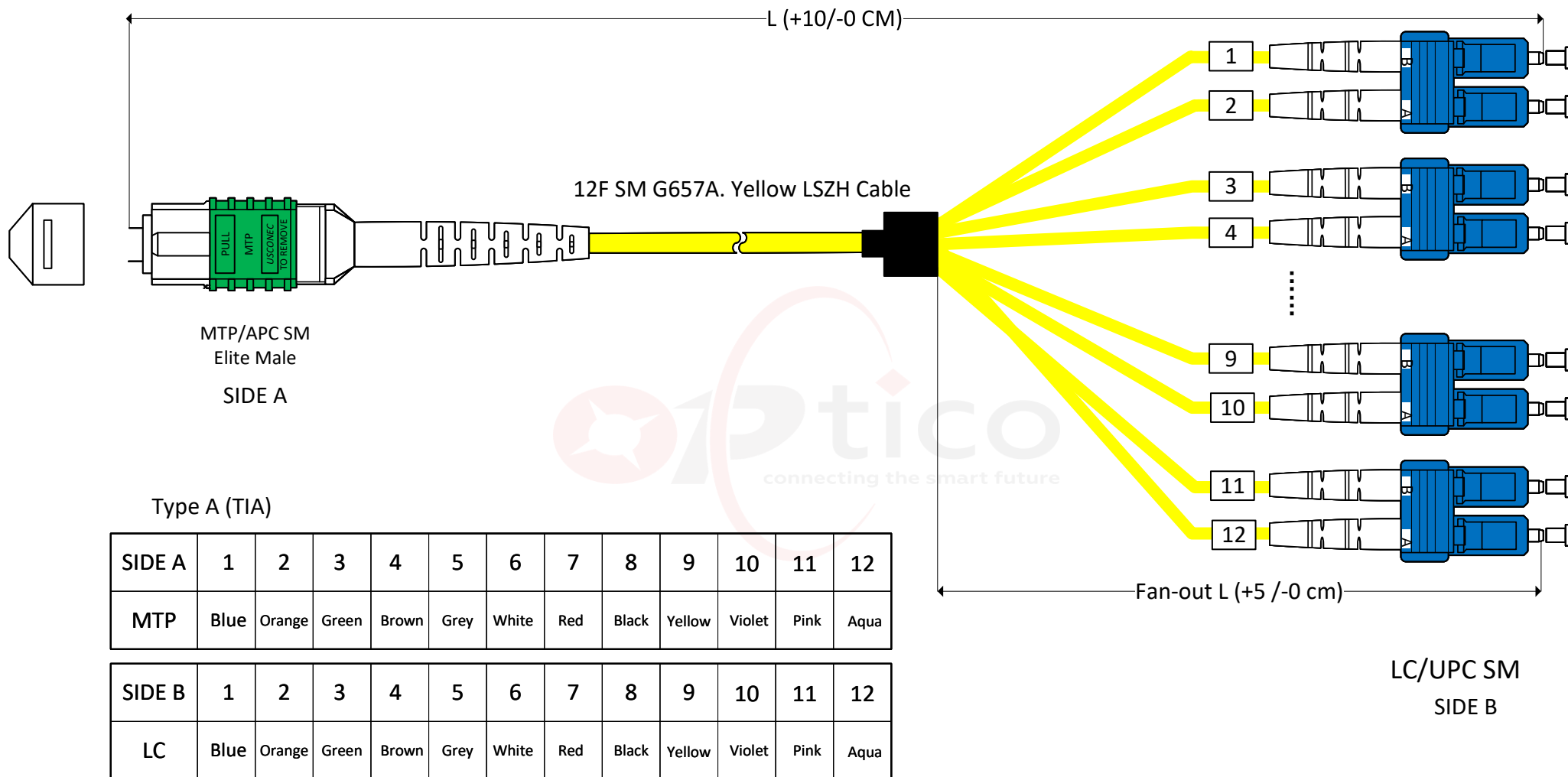
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra Loss: $\leq 0.25\text{dB}$;
LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 60\text{dB}$
- 3.Operation Environment: $-40\sim+85^{\circ}\text{C}$
- 4.Storage Environment: $-40\sim+85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type B SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable						OP-12F-MTPFULCU-FP-SM-B		
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25
						APPROVED	STEVEN Zhang	DATE	2025.04.25



Specification:

1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;

LC $\leq 0.25\text{dB}$.

2.Return Loss: $\geq 65\text{dB}$

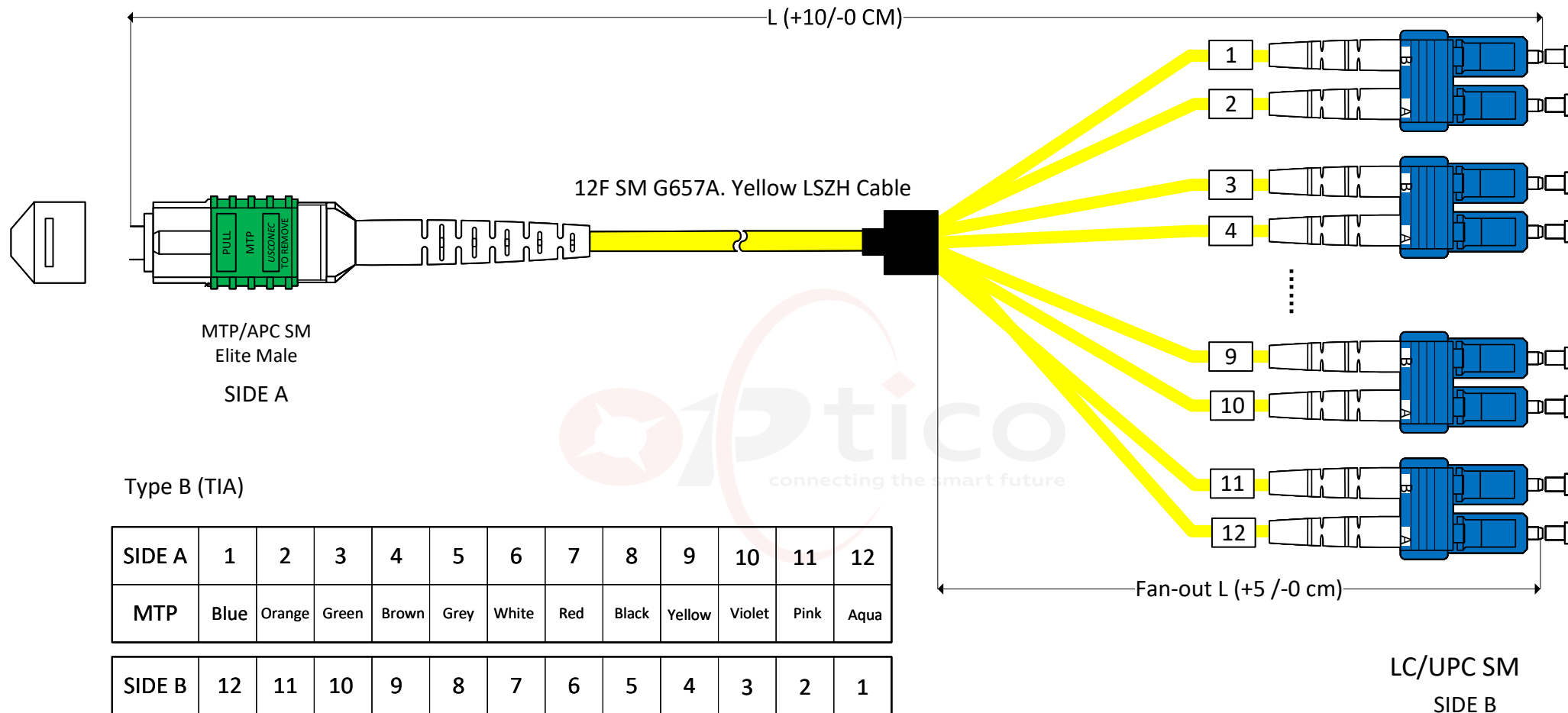
3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPAPC Male-LCUPC Type A SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable						OP-12F-MTPMALCU-SM-A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



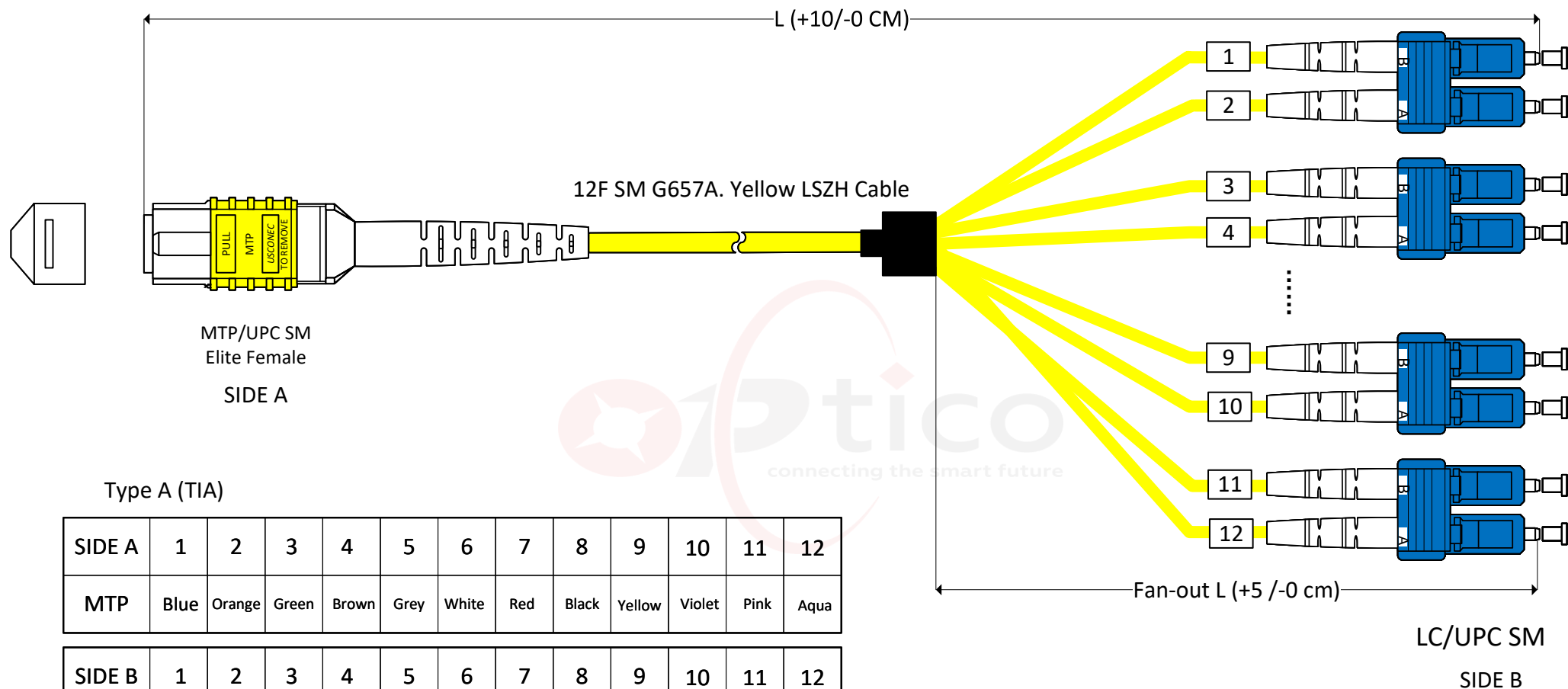
Specification:

- Low Loss IL: $\leq 0.35\text{dB}$; Ultra Loss: $\leq 0.25\text{dB}$;
LC $\leq 0.25\text{dB}$.
- Return Loss: $\geq 65\text{dB}$
- Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPAPC Male-LCUPC Type B SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable						OP-12F-MTPMALCU-FP-SM-B			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



Specification:

1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;

LC $\leq 0.25\text{dB}$.

2.Return Loss: $\geq 60\text{dB}$

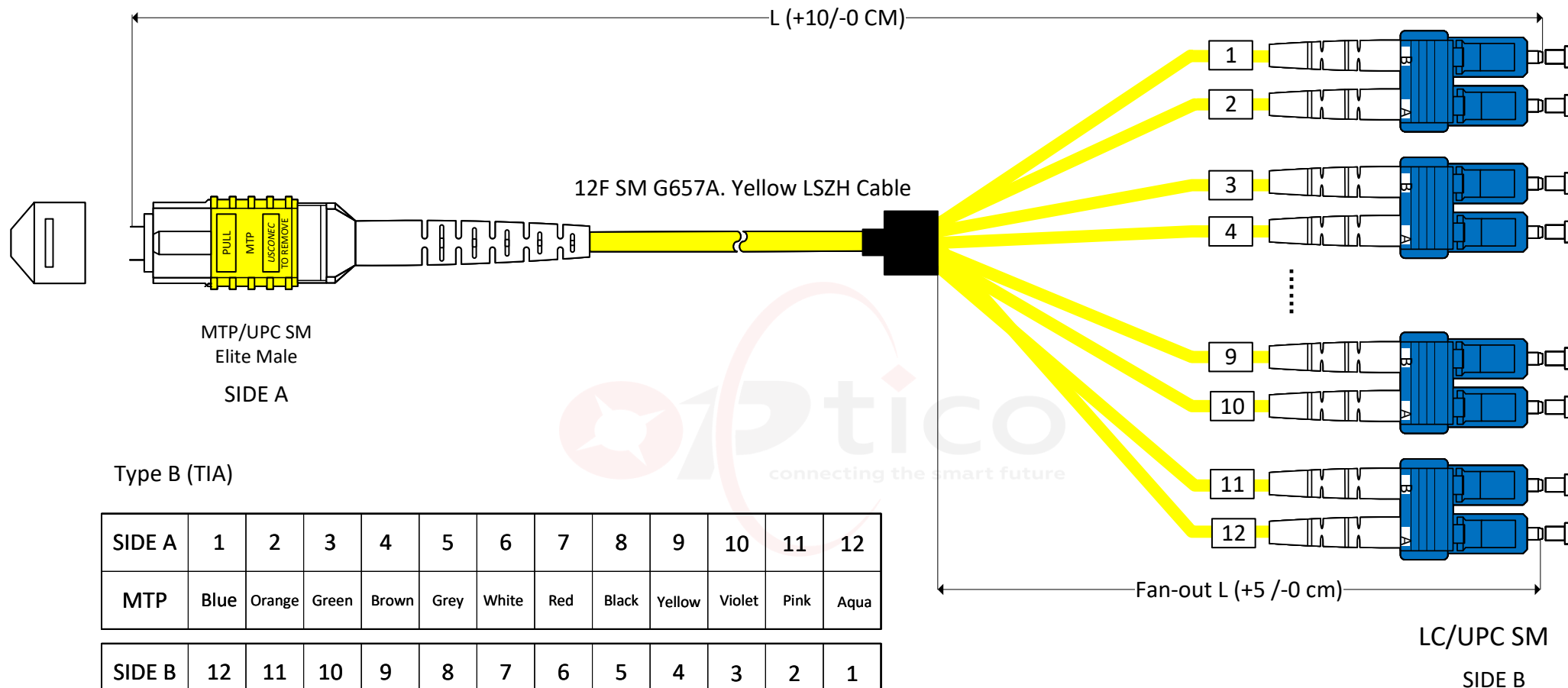
3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Male-LCUPC Type A SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable						OP-12F-MTPMULCU-SM-A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



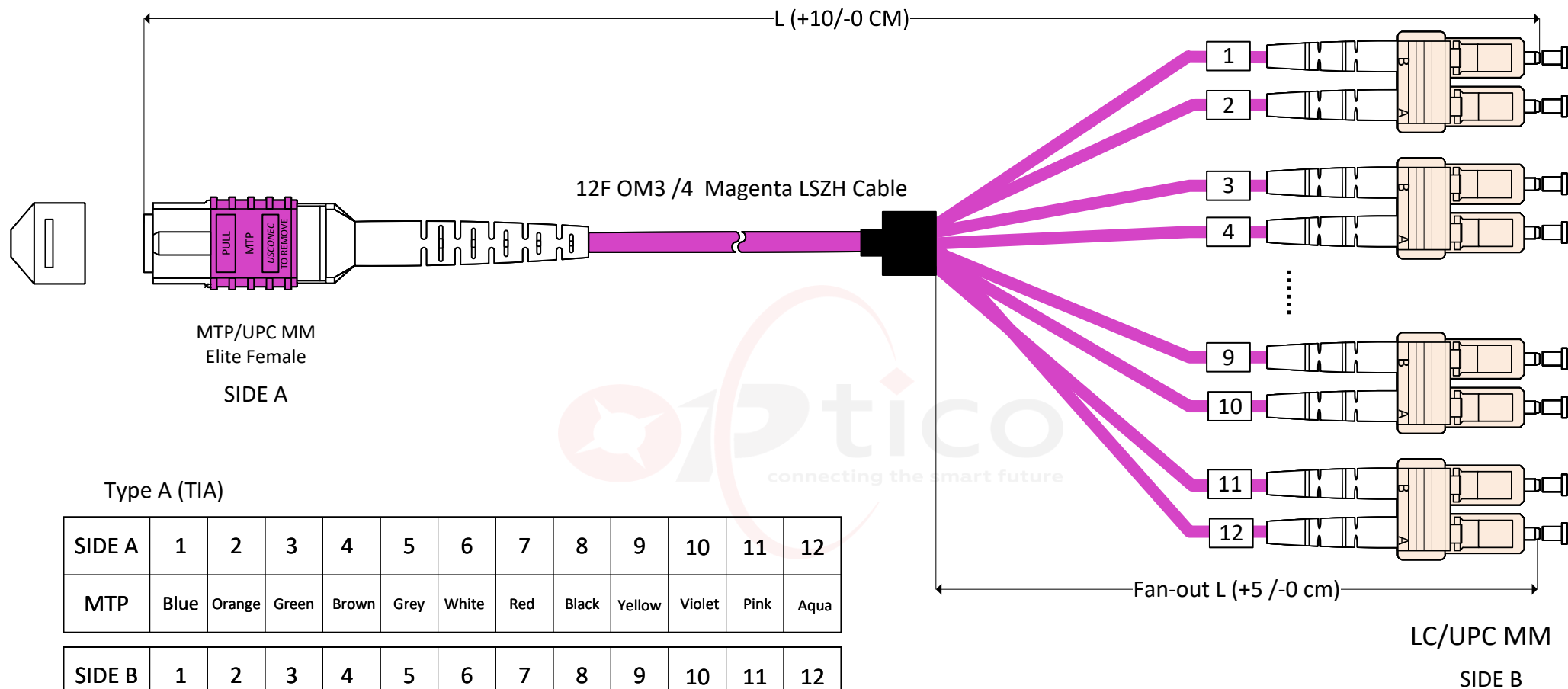
Specification:

- Low Loss IL: $\leq 0.35\text{dB}$; Ultra Loss: $\leq 0.25\text{dB}$;
LC $\leq 0.25\text{dB}$.
- Return Loss: $\geq 60\text{dB}$
- Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Male-LCUPC Type B SM G657.A 3.0mm Yellow LSZH CPR-Dca Cable						OP-12F-MTPMULCU-FP-SM-B			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



Type A (TIA)

SIDE A	1	2	3	4	5	6	7	8	9	10	11	12
MTP	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

SIDE B	1	2	3	4	5	6	7	8	9	10	11	12
LC	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

Specification:

1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;

LC $\leq 0.25\text{dB}$.

2.Return Loss: $\geq 35\text{dB}$

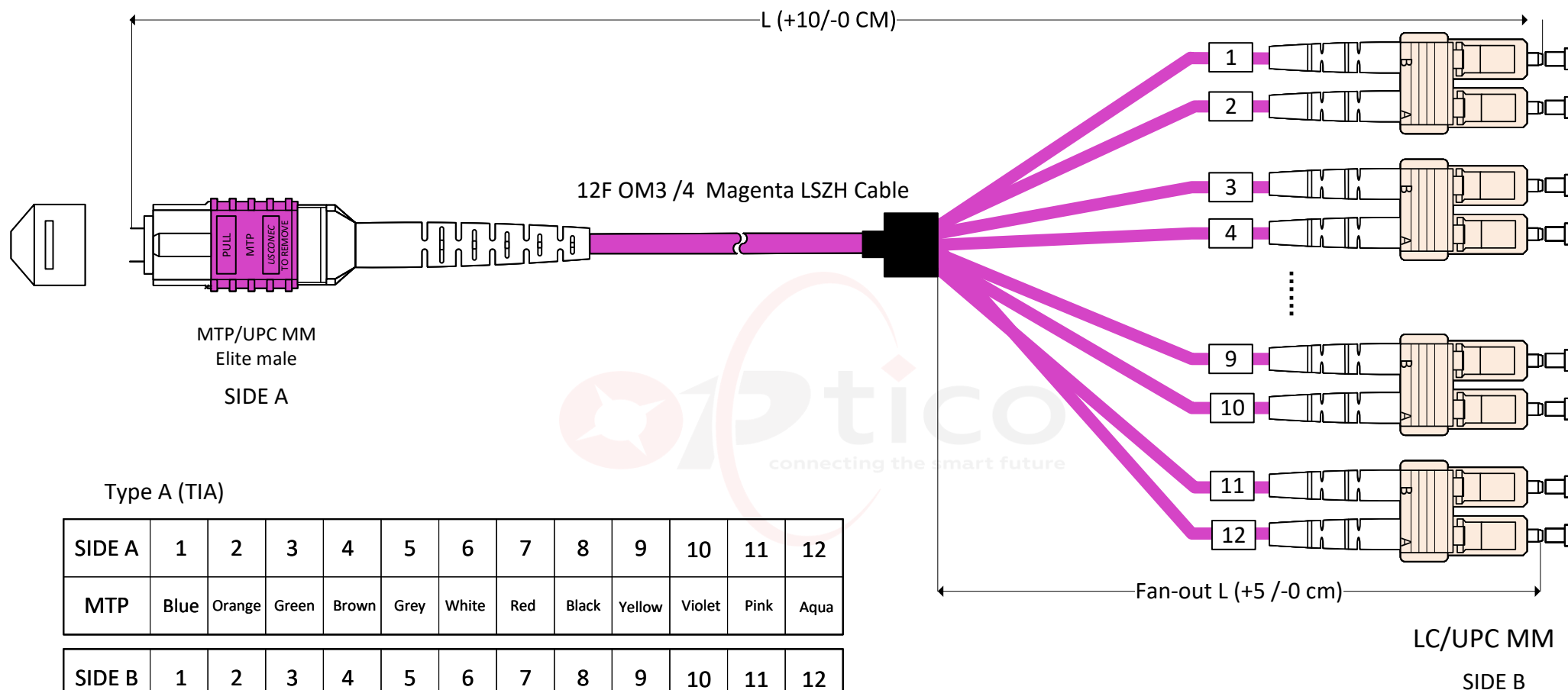
3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type A OM3 /4 3.0mm Magenta LSZH CPR-Dca Cable						O-12F-MTPFULCU-OM3/4-A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



Specification:

1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;

LC $\leq 0.25\text{dB}$.

2.Return Loss: $\geq 35\text{dB}$

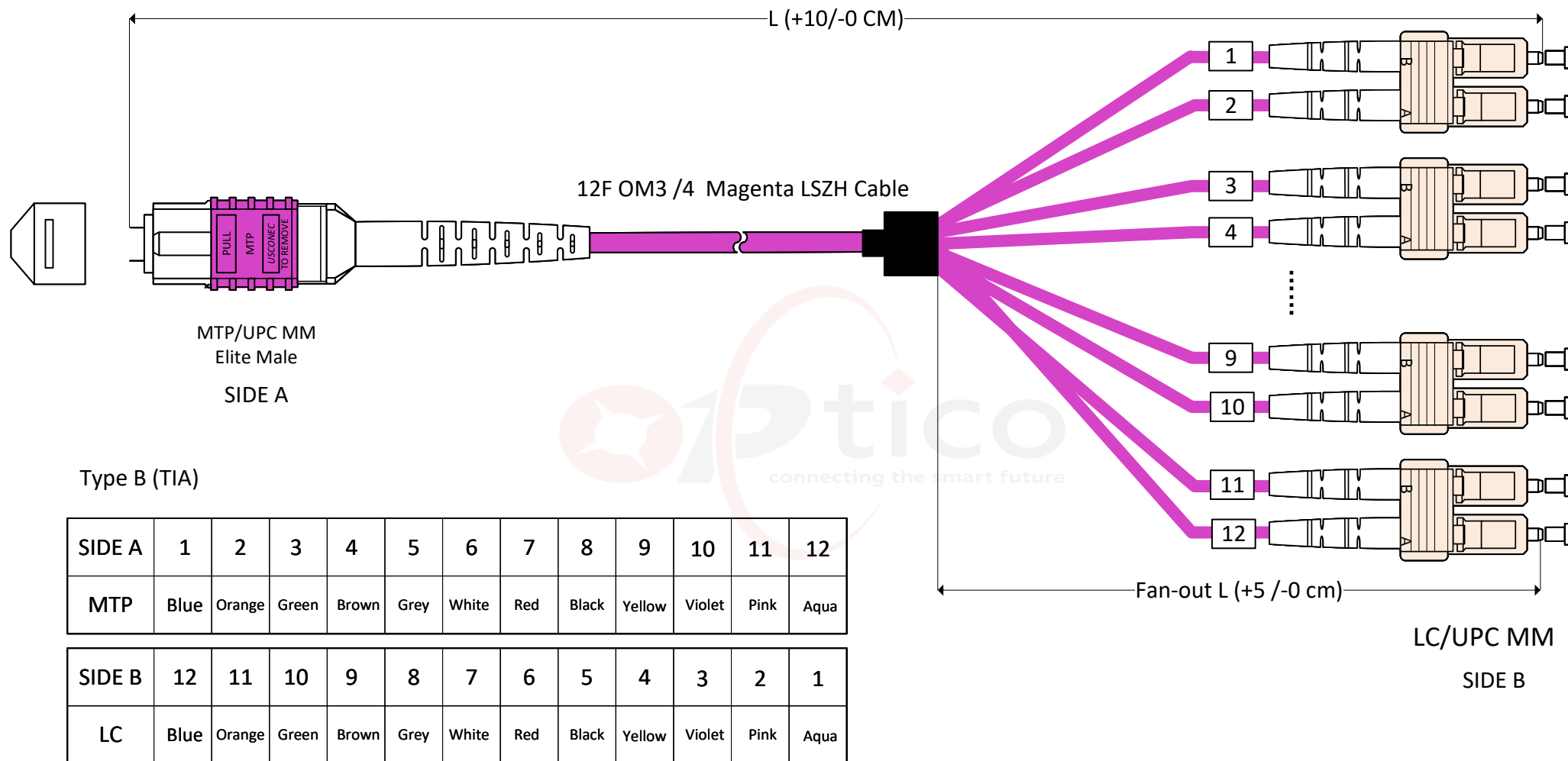
3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Male-LCUPC Type A OM3 /4 3.0mm Magenta LSZH CPR-Dca Cable						O-12F-MTPMULCU-OM3/4- A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



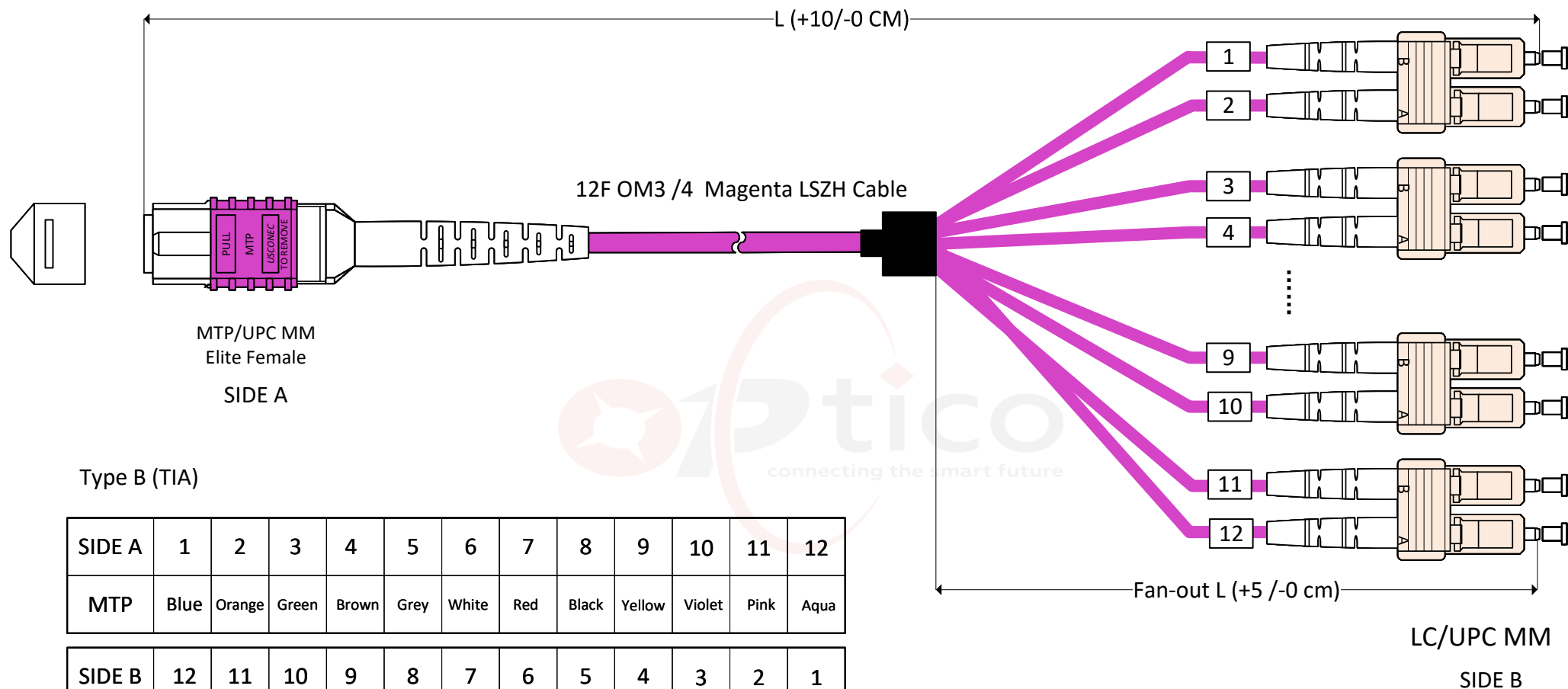
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Male-LCUPC Type B OM3 /4 3.0mm Magenta LSZH CPR-Dca Cable						O-12F-MTPMULCU-OM3/4-B			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



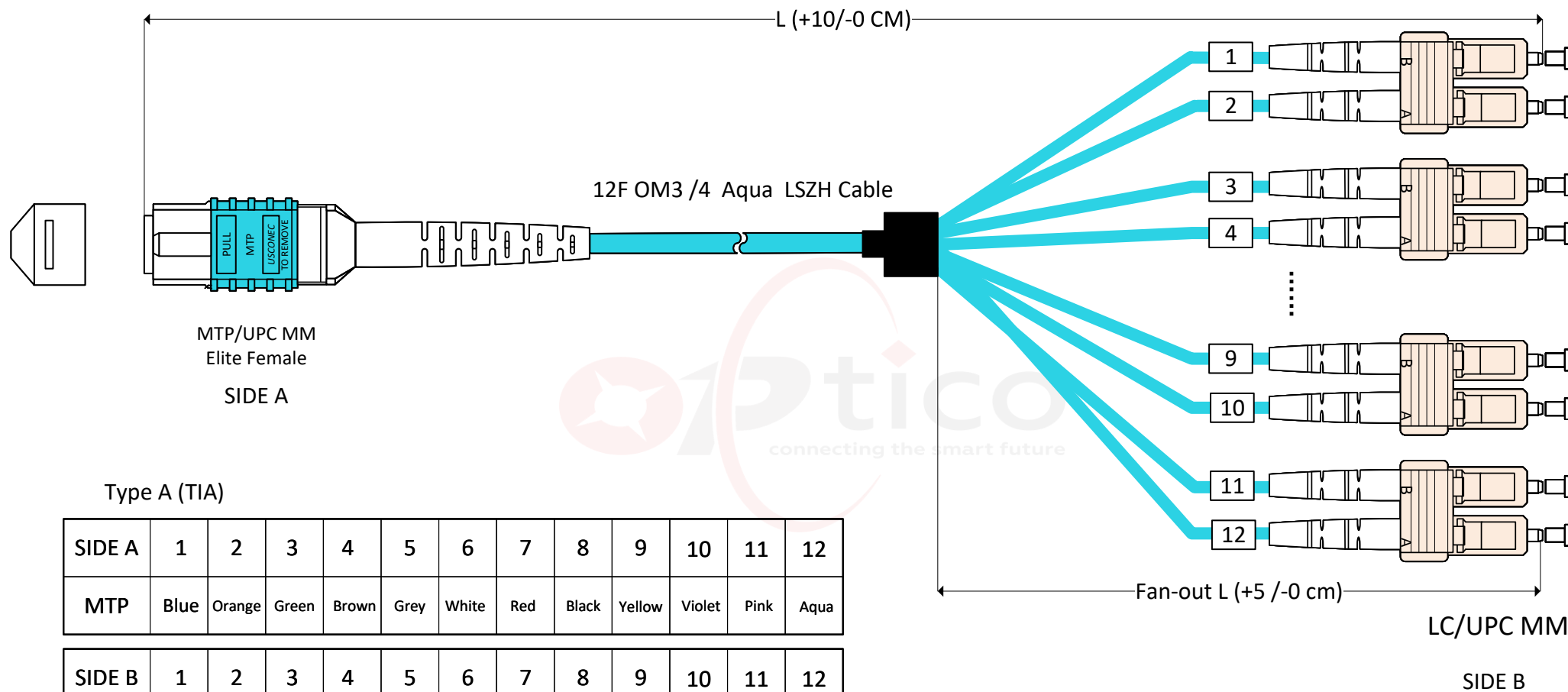
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type B OM3 /4 3.0mm Magenta LSZH CPR-Dca Cable						O-12F-MTPFULCU-OM3/4-B			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



Type A (TIA)

SIDE A	1	2	3	4	5	6	7	8	9	10	11	12
MTP	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

SIDE B	1	2	3	4	5	6	7	8	9	10	11	12
LC	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

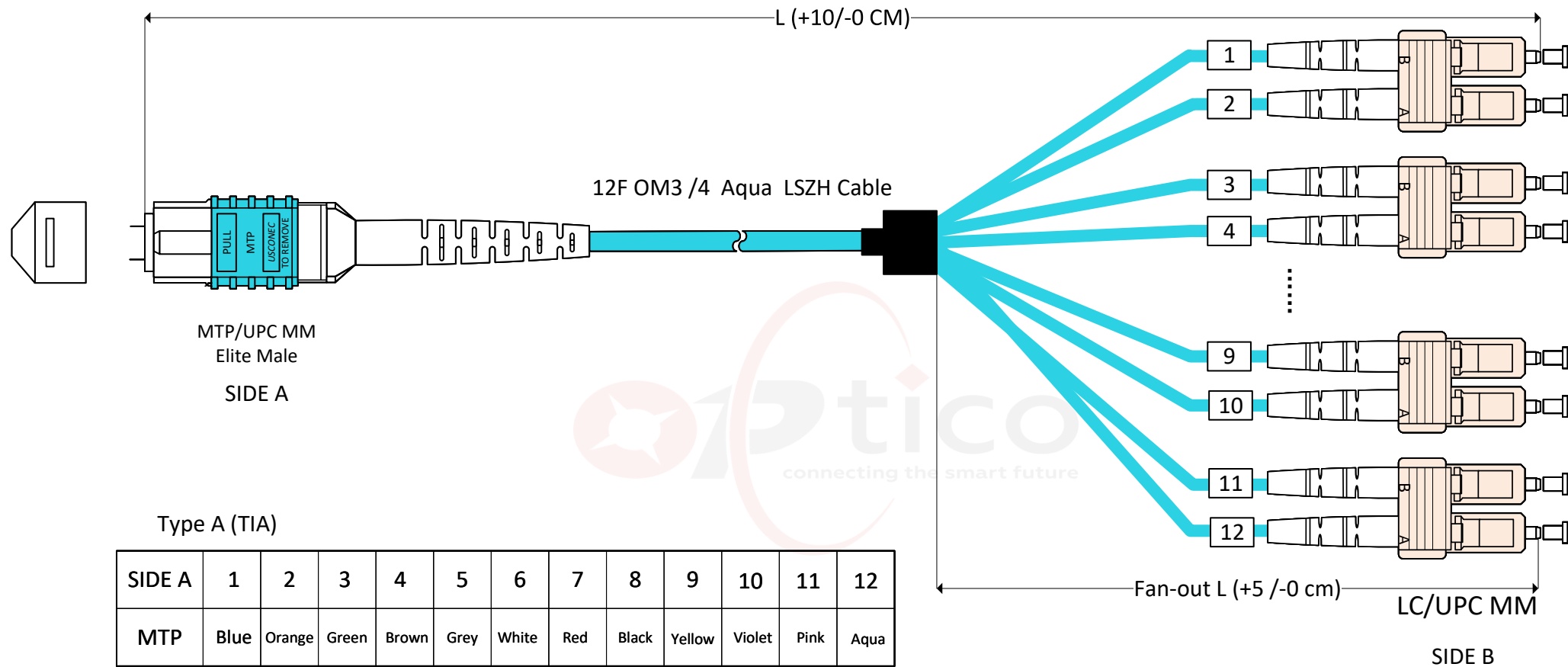
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type A OM3 /4 3.0mm Aqua LSZH CPR-Dca Cable						O-12F-MTPFULCU-OM3/4-A		
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25
						APPROVED	STEVEN Zhang	DATE	2025.04.25



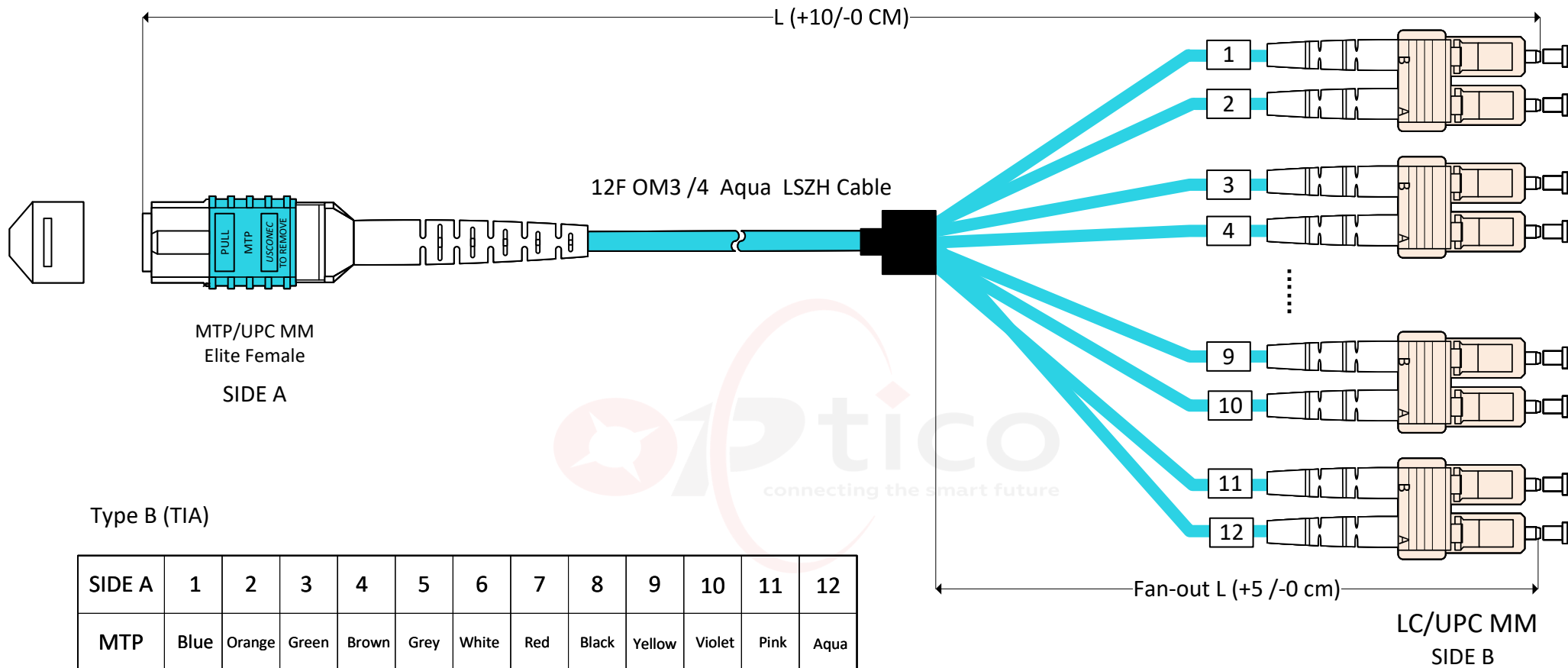
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Male-LCUPC Type A OM3 /4 3.0mm Aqua LSZH CPR-Dca Cable						O-12F-MTPMULCU-OM3/4-A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



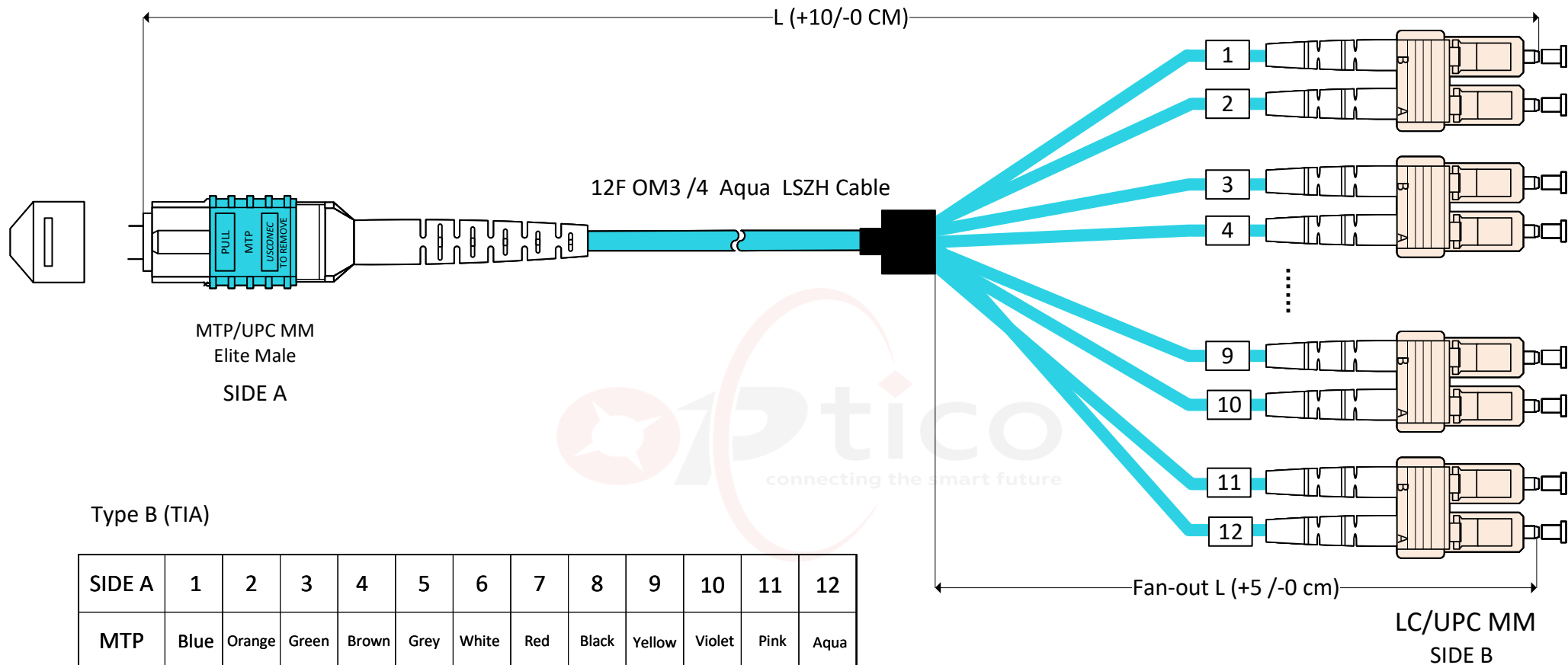
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type B OM3 /4 3.0mm Aqua LSZH CPR-Dca Cable						O-12F-MTPFULCU-OM3/4-B			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



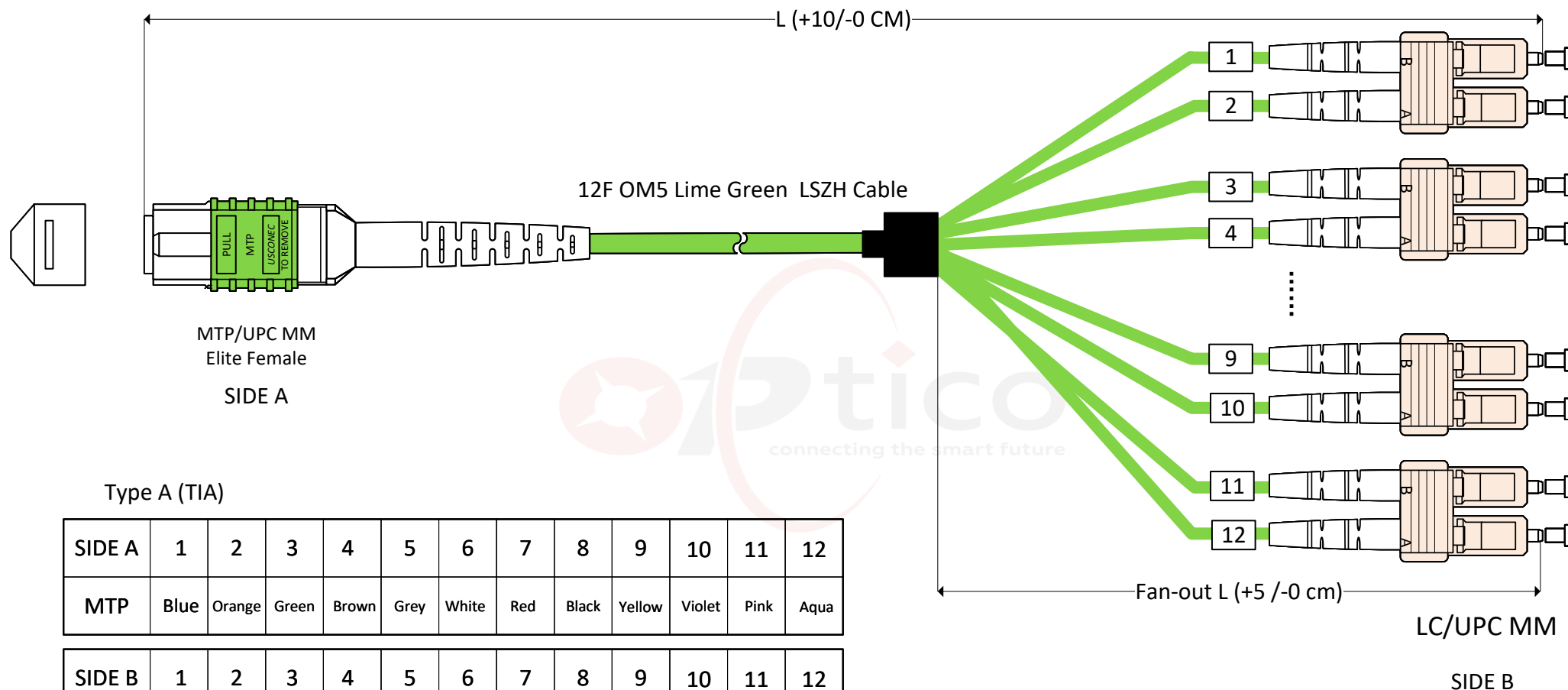
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$;
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Male-LCUPC Type B OM3 /4 3.0mm Aqua LSZH CPR-Dca Cable						O-12F-MTPMULCU-OM3/4-B			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



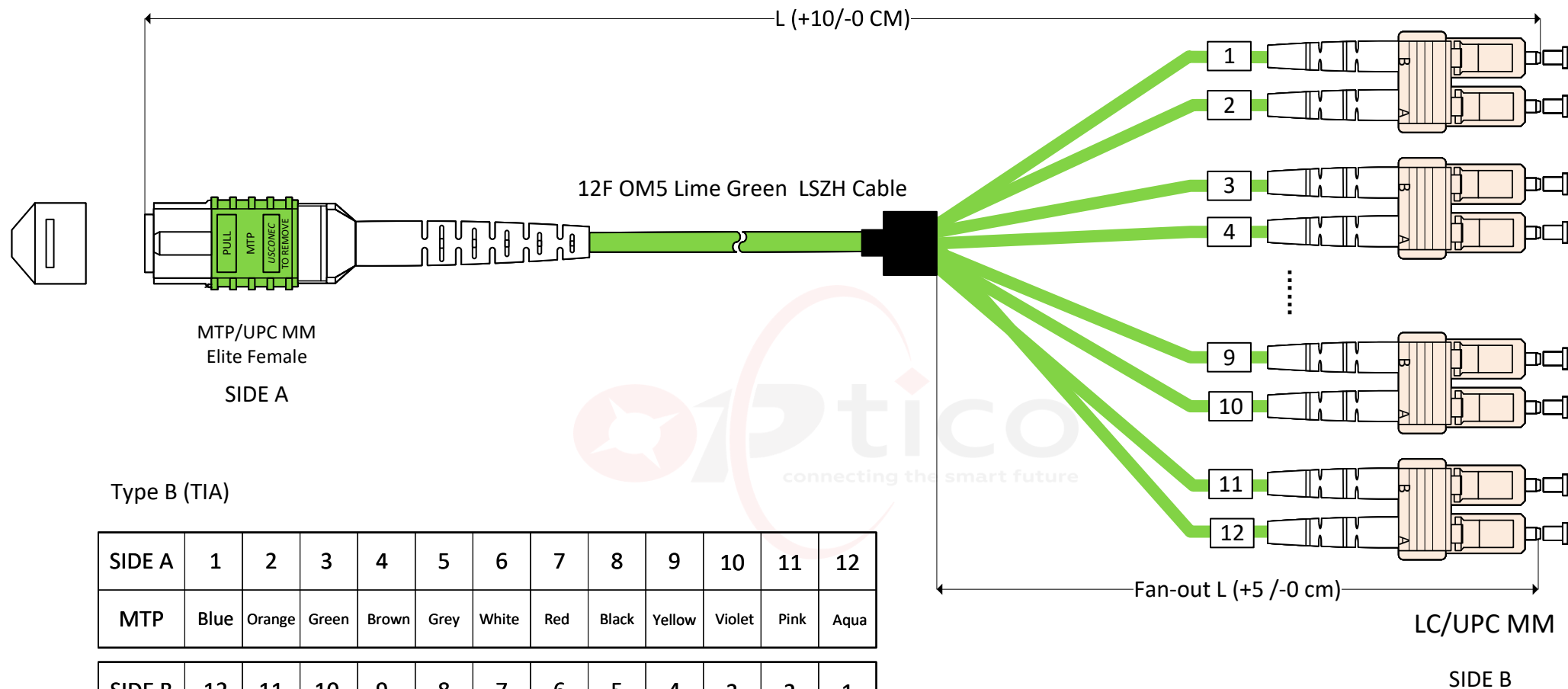
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type A OM5 3.0mm Lime Green LSZH CPR-Dca Cable						O-12F-MTPFULCU-OM5-A		
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25
						APPROVED	STEVEN Zhang	DATE	2025.04.25



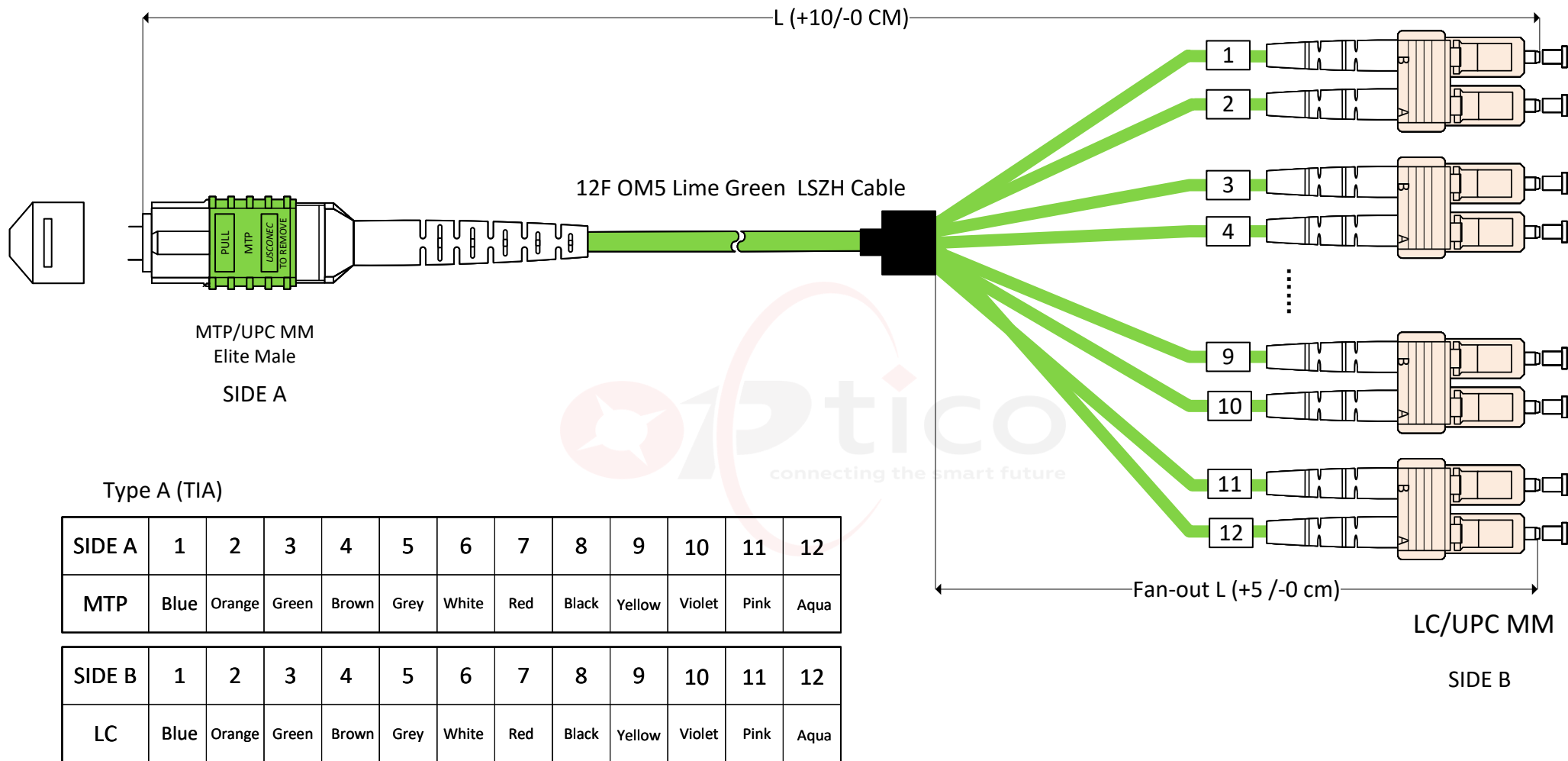
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Female-LCUPC Type B OM5 3.0mm Lime Green LSZH CPR-Dca Cable						O-12F-MTPFULCU-OM5-B			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



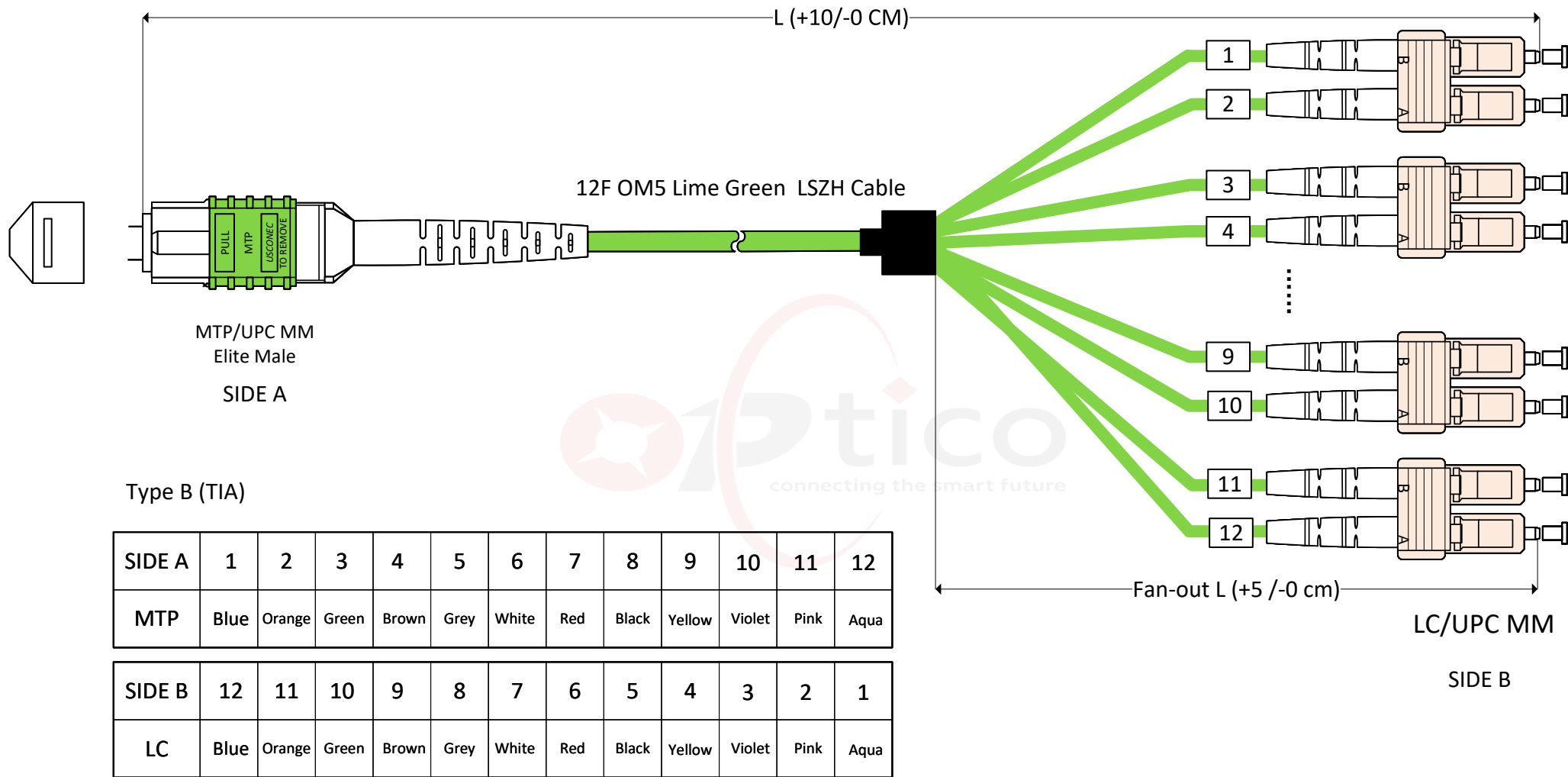
Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



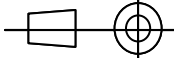
SHENZHEN OPTICO COMMUNICATION CO., LTD.

Model	12F MTPUPC Male-LCUPC Type A OM5 3.0mm Lime Green LSZH CPR-Dca Cable						O-12F-MTPMULCU-OM5-A			
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25	
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25	
						APPROVED	STEVEN Zhang	DATE	2025.04.25	



Specification:

- 1.Low Loss IL: $\leq 0.35\text{dB}$; Ultra loss: $\leq 0.25\text{dB}$; LC $\leq 0.25\text{dB}$.
- 2.Return Loss: $\geq 35\text{dB}$
- 3.Operation Environment: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 4.Storage Environment: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

 SHENZHEN OPTICO COMMUNICATION CO., LTD.											
Model		12F MTPUPC Male-LCUPC Type B OM5 3.0mm Lime Green LSZH CPR-Dca Cable					O-12F-MTPMULCU-OM5-B				
FIRST ANGLE PROJECTION 	MATERIAL	UNIT	SCALE	SIZE	SHEET	DRAWN	XUELING W	DATE	2025.04.25		
	LSZH	m		A4	1	CHECKED	Michael Liu	DATE	2025.04.25		
						APPROVED	STEVEN Zhang	DATE	2025.04.25		