

## 12 Fibers SM MTP-LC Fan-out | 1.8 mm

### Connector Specifications

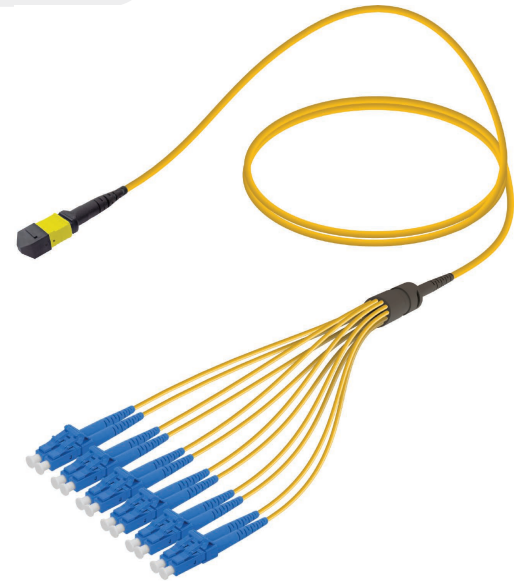
MTP Connector Compliance	IEC 61754-7, TIA 604-5, RoHS
LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
Base-12	12 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO <sub>2</sub> )
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings

### Optical Performance

Insertion Loss	MTP:	≤ 0.35 dB; avg: 0,10 dB
IEC 61300-3-4 Method B	LC:	≤ 0.30 dB
Return Loss	MTP:	≥ 60 dB
IEC61300-3-6 Method B	LC:	UPC ≥ 50 dB; APC ≥ 60 dB

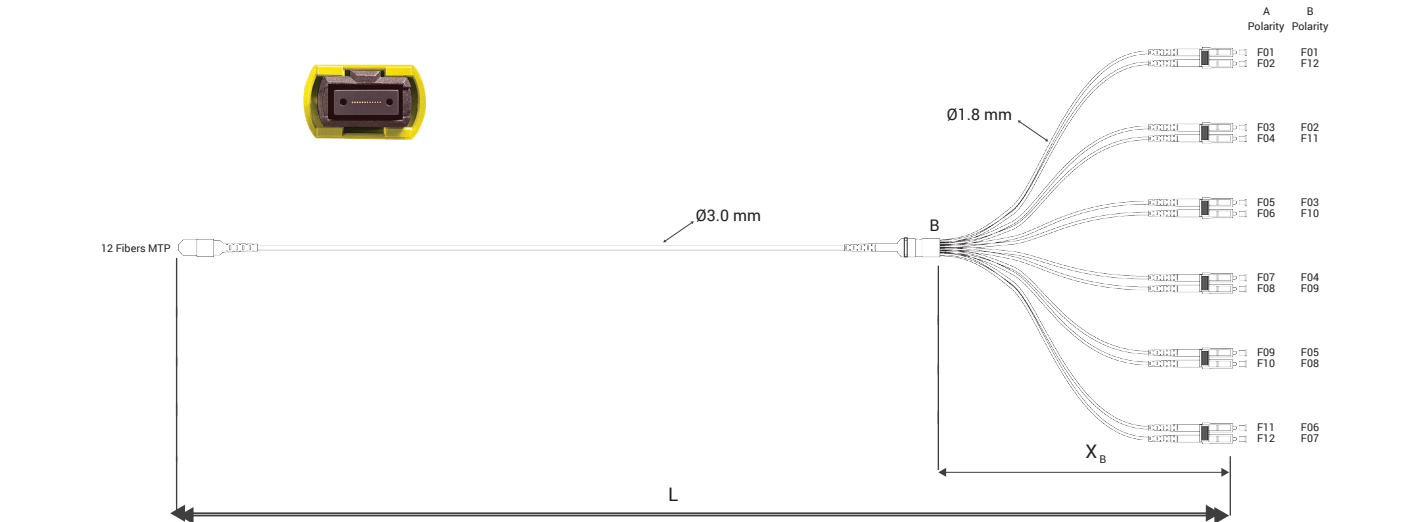
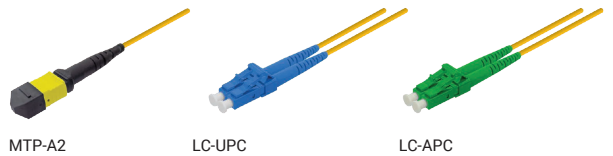
### End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1
	APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35



### Cable Specifications

- 12 core distribution fiber optic cable
- CPR: Dca, s2, d0, a1
- Cable Diameter: 3.0 mm / Sub-unit Diameter: 1.8 mm
- Length tolerance is ± 50 mm
- Max. Tensile Strength: 200N
- Min. Bending Radius 20 mm
- Cable Color: Yellow



Sample Coding \* X (Tube Length) is standard 500 mm. Please contact us for different tube length.

**I - PC - 12 - MF - 318 - A2 - B - MTPEF - 06LCD - 005M**

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	1. Connector	2. Connector	Length	
Indoor:	I	Patch Cord: 12 Fibers: 12	PC	MTP/Fan-out: MF	3.0/1.8 mm: 318	SM G.657 A2: A2	A Polarization: A B Polarization: B	MTP-Female: MTPEF MTP-Male: MTPEm	LC-UPC: 06LCD LC-APC: 06LAD	--- M