12 Fibers Single Mode Fan-out | 4.8 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-8	12 Fibers
Alignment Technology	Full ceramic ferrule (Zirconia ZrO_2)
Operating Temperature	-10°C to +70°C
Flammability	UL94 V-0
Durability	> 100/1000 mating cycle
Transmission with Applied Tensile Load	50 Newtons

Optical Performance

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

End-face Control Parameters

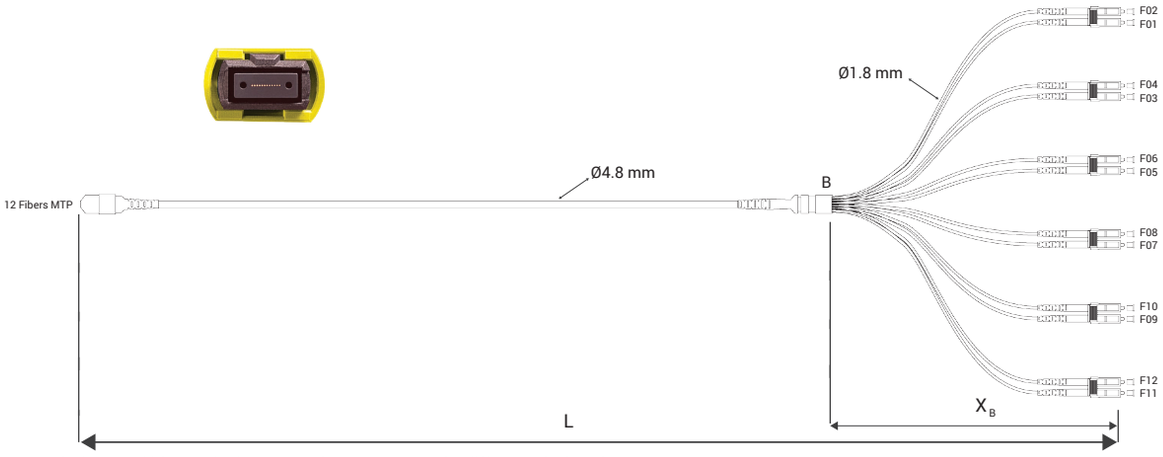
Geometry Inspection	UPC : IEC 61755-3-1
	APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35

Cable Specifications

- 12 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm / Sub-unit Diameter: 1.8 mm
- Length tolerance is ± 50 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black



MTP-A2 LC-UPC LC-APC



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

Sample Coding U - PC - 12 - MF - 418 - A2 - B - MTPEf - 04LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	Polarization	1. Connector	2. Connector	Length
Universal: U	Patch Cord: PC	12 Fibers: 12	MTP/Fan-out: MF	4.8/1.8 mm: 418	SM G.657 A2: A2	A Polarization: A B Polarization: B	MTP-Female: MTPEf MTP-Male: MTPEm	LC-UPC: 04LCD LC-APC: 04LAD	___ M