

12 Fibers Multi-Mode Fan-out | 1.8 mm

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	12 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO_2)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings

Cable Specifications

- 12 core distribution fiber optic cable
- 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

Optical Performance

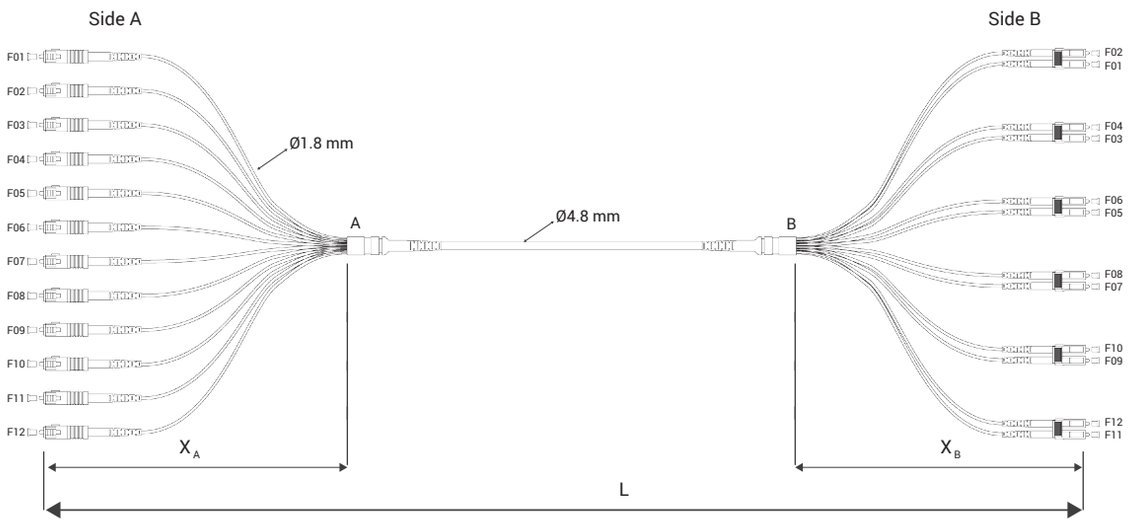
Insertion Loss IEC 61300-3-4 Method B	Multi-Mode ≤ 0.30 dB
Return Loss IEC61300-3-6 Method B	Multi-Mode ≥ 35 dB

End-face Control Parameters

Geometry Inspection	IEC 61755-3-1
Visual Inspection	IEC 61300-3-35



SC OM3 LC OM3 SC OM4 LC OM4



Sample Coding U - PC - 12 - FC - 418 - M4 - 12SCS - 06LCD - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	1. Connector	2. Connector	Length
Universal: U	Patch Cord: PC	12 Fibers: 12	Fan-out: FC	4.8/1.8 mm: 418	MM G.651 OM3: M3 MM G.651 OM4: M4	SC-UPC: 12SCS LC-UPC: 06LCD	SC-UPC: 12SCS LC-UPC: 06LCD	___ M