12 Fibers Single 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

Optical Performance

Insertion Loss IEC 61300-3-4 Method B	Single Mode ≤ 0.30dB
Return Loss IEC61300-3-6 Method B	Single Mode UPC: ≥ 50dB Single Mode APC: ≥ 60dB

End-face Control Parameters

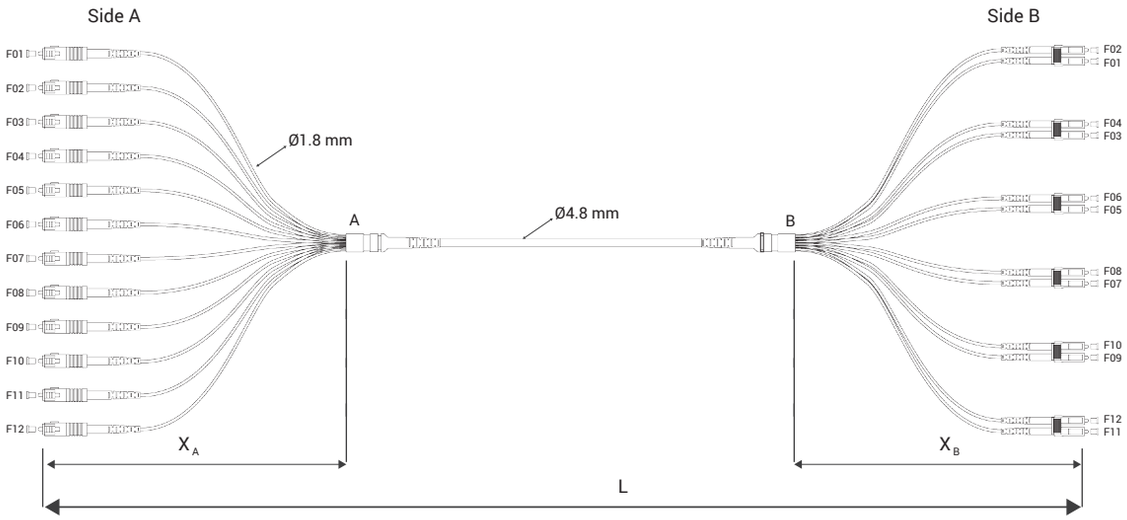
Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35

Cable Specifications

- 12 core distribution fiber optic cable
- 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



SC-UPC LC-UPC SC-APC LC-APC



Sample Coding U - PC - 12 - FC - 418 - A2 - 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	SM G.657 A2: A2	SC-UPC: 12SCS SC-APC: 12SAS LC-UPC: 06LCD LC-APC: 06LAD	SC-UPC: 12SCS SC-APC: 12SAS LC-UPC: 06LCD LC-APC: 06LAD	___M