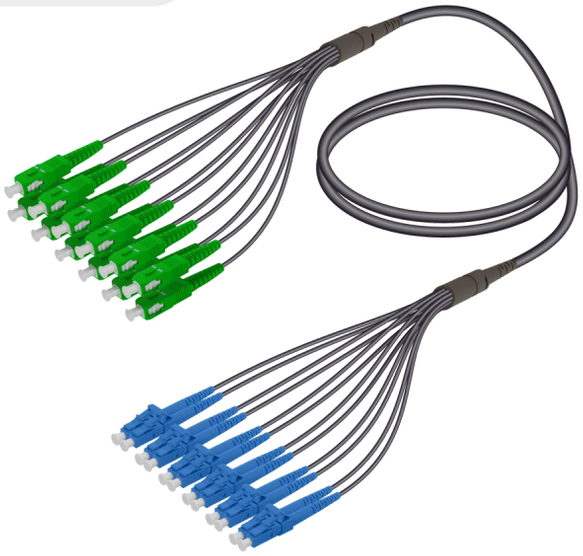
12-16 Fibers Single-Mode Fan-out | 1.6 mm



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	< 0.1 dB typical change for > 500 matings

Optical Performance

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

End-face Control Parameters

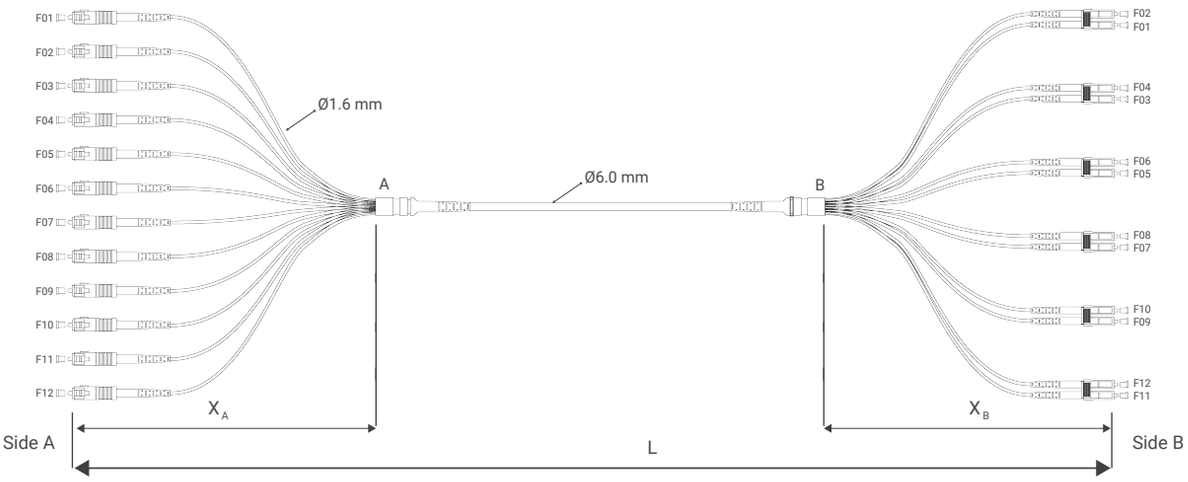
Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35

Cable Specifications

- 12-16 core distribution fiber optic cable
- Cable Diameter: 6.0 mm / Sub-unit Diameter: 1.6 mm
- Length tolerance is ± 50 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black (U) or Yellow (I)
- LSZH/LS0H Jacket compliant
- Indoor/Outdoor applications



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



Sample Coding

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

U - PC - 12/16 - FC - 616 - A2 - 12SCS - XA - 12LCD - XB - L

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	1st Connector	Length hidra Side A	2nd Connector	Length hidra Side B	Length
Indoor: I Universal: U	Patch Cord: PC	12 Fibers: 12 16 Fibers: 16	Fan-out: FC	4.8/1.8 mm: 418 6.0/1.6 mm: 616	SM G.657 A2: A2 SM G.657 A1: A1	SC-UPC: 16SCS 12SCS SC-APC: 16SAS 12SAS LC-UPC: 06LCD LC-APC: 06LAD	: Mts.	SC-UPC: 16SCS 12SCS SC-APC: 16SAS 12SAS LC-UPC: 06LCD LC-APC: 06LAD	: Mts.	___M