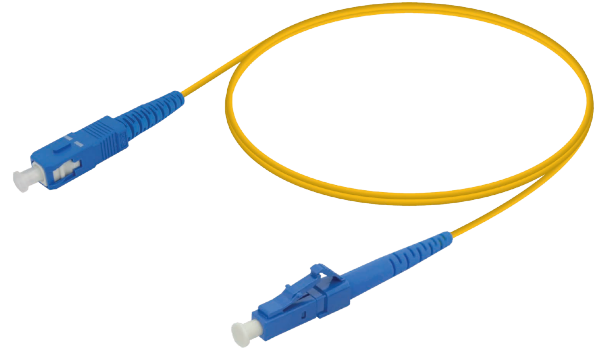


## Simplex Single Mode Patch Cord

### Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
FC Connector Compliance	IEC 61754-13, TIA 604-4-A, RoHS
ST Connector Compliance	IEC 61754-2, TIA 604-2, RoHS
LSH Connector Compliance	IEC 61754 - 15, TIA 604 - 16, RoHS
Alignment Technology	Full ceramic ferrule (Zirconia ZrO <sub>2</sub> )
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings



### Optical Performance

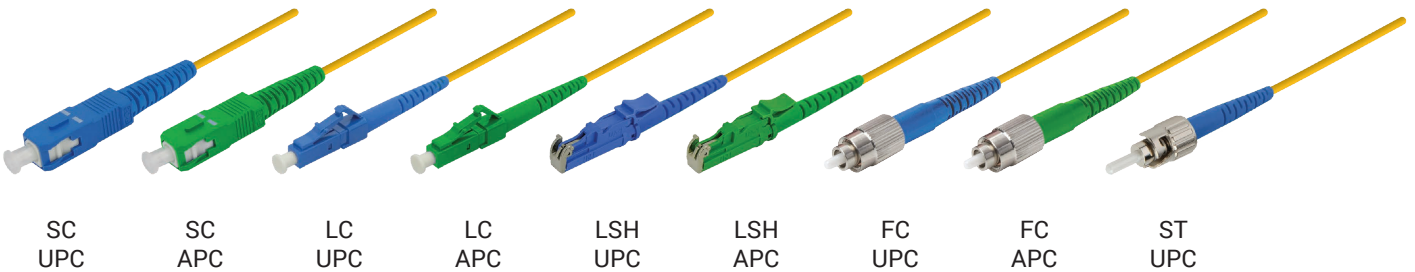
Insertion Loss IEC 61300-3-4 Method B	Single Mode ≤ 0.30dB
Return Loss IEC61300-3-6 Method B	Single Mode UPC: ≥ 50dB Single Mode APC: ≥ 60dB

### End-face Control Parameters

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

### Cable Specifications

- 1 core simplex fiber optic cable
- 1.8 mm - 2.0 mm - 2.7 mm diameter options
- Length tolerance is ± 50 mm
- Max. Tensile Strength:
  - For 1.8 mm - 2.0 mm is 150 N
  - For 2.7 mm is 300 N
- Min. Bending Radius 25 mm
- Cable Color: Yellow



### Order Coding

I - PC - 01 - SX - 020 - A2 - SC - LC - 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	1. Connector	2. Connector	Length
Indoor: I	Patch Cord: PC	1 Fiber: 01	Simplex: SX	1.8 mm: 018 2.0 mm: 020 2.7 mm: 027	SM G.657 A2: A2 SM G.657 B3: B3	SC-UPC: SC SC-APC: SA LC-UPC: LC LC-APC: LA FC-UPC: FC FC-APC: FA ST-UPC: ST LSH-UPC: E2 LSH-APC: EA	SC-UPC: SC SC-APC: SA LC-UPC: LC LC-APC: LA FC-UPC: FC FC-APC: FA ST-UPC: ST LSH-UPC: E2 LSH-APC: EA	--- M