

# Fiber Optic Patch Cord - SC-SC - SM - Simplex

MODEL : IK-FPC-SC-SC-SM-SX-B



## Features

- Compliant with ANSI, Bellcore, TIA/EIA, IEC standards
- Low Insertion Loss and High Return Loss
- Excellent Repeatability and Interchangeability
- Available in Simplex type
- High Quality Ceramic ferrule connectors
- PVC/LSZH jacket (Low Smoke Zero Halogen)
- 100% factory tested for optical performance

## Applications

- Telecommunication Networks
- CATV Networks
- Data Centers & LANs
- Active Device Termination
- Indoor wiring with LSZH safety compliance

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## Specification

| Characteristics     | Conditions                         | Values                 |
|---------------------|------------------------------------|------------------------|
| Insertion Loss      | Against Reference Connector        | $\leq 0.3$ dB          |
| Return Loss (SM)    | PC                                 | $\geq 45$ dB           |
|                     | UPC                                | $\geq 50$ dB           |
|                     | APC                                | $\geq 60$ dB           |
| Repeatability       | $\leq 0.1$ dB (1000 times)         | $\leq 0.1$ dB          |
| Salt Spray          | $\leq 0.1$ dB                      | $\leq 0.1$ dB          |
| Vibration           | $\leq 0.2$ dB (550Hz 1.5mm)        | $\leq 0.2$ dB          |
| Temperature Cycling | -40 °C to +85 °C, sustain 100 hrs  | $\leq 0.2$ dB          |
| Humidity            | +25 °C ~ +65 °C, 93% R.H., 100 hrs | $\leq 0.2$ dB          |
| Apex Offset         | -                                  | 0 $\mu$ m - 50 $\mu$ m |
| Radius of Curvature | -                                  | 7 mm - 25 mm           |

## Ordering information

MODEL: IK-FPC-SC-SC-SM-SX-B

- FPCA: Fiber Optic Patch Cord
- SC-SC: Connector Type
- SM: Singlemode 9/125um
- SX: Simplex